

DOCUMENT RESUME

ED 238 648

RC 014 522 5

AUTHOR Priebe, John A.; And Others
TITLE Detailed Occupation and Years of School Completed by Age, for the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980 Census of Population Supplementary Report.

INSTITUTION Bureau of the Census (DOC), Suitland, Md. Population Div.

SPONS AGENCY Department of Commerce, Washington, D.C.
REPORT NO PC80-S1-8
PUB DATE Mar 83
NOTE 58p.; Tables may not reproduce well due to small print.

AVAILABLE FROM Superintendent of Documents, U.S. Printing Office, Washington, D. C. 20402.

PUB TYPE Statistical Data (110) -- Reference Materials -- General (130)

EDRS PRICE MF01 Plus Postage. PC Not Available from EDRS.

DESCRIPTORS *Age Differences; Alaska Natives; American Indians; Asian Americans; Blacks; *Census Figures; *Educational Status Comparison; Employment Statistics; Ethnic Groups; *Hispanic Americans; *Labor Force; Occupational Clusters; Pacific Americans; *Sex Differences; Tables (Data); Whites

IDENTIFIERS *United States Census 1980

ABSTRACT

The report presents tabular data on occupation and years of school completed by age for the civilian labor force, by sex, race and Spanish origin, obtained from the 1980 Census/Equal Employment Opportunity (EEO) Special File. All tables list males and females separately for each category. Table 1 lists totals for 613 labor force categories, then Spanish origin workers in that category, then workers not of Spanish origin (White; Black; American Indian, Eskimo, and Aleut; Asian and Pacific Islander; and Others, e.g., such write-in Census entries as Eurasian, Mexican, Cuban, and Puerto Rican). For example, under Spanish origin, Table 1 shows 146 male and 34 female legislators, 9,548 male and 7,191 female postsecondary teachers, and 32,032 male and 74,280 female teachers other than postsecondary. Table 2 lists data for the 613 occupational categories, with columns for totals and each non-Spanish origin group. Table 3 shows years of school completed in 8 age ranges (from 16 to over 70 years) with columns for totals, Spanish origin people, and each non-Spanish origin group. Table 4 presents data for the same age ranges and years of schooling categories in columns for totals and the non-Spanish origin groups. (MH)

* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *

rec'd 19 Jan 84

1980

Census of Population

Detailed Occupation and Years of School Completed by Age, for the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980

SUPPLEMENTARY REPORT

PC80-S1-8

Issued March 1983

U.S. DEPARTMENT OF EDUCATION
NATIONAL INSTITUTE OF EDUCATION
EDUCATIONAL RESOURCES INFORMATION
CENTER (ERIC)

- ☒ This document has been reproduced as received from the person or organization originating it.
- ☐ Minor changes have been made to improve reproduction quality.

* Points of view or opinions stated in this document do not necessarily represent official NIE position or policy.



U.S. Department of Commerce
Malcolm Baldrige, Secretary
Guy W. Fiske,
Deputy Secretary
Robert G. Dederick,
Under Secretary for
Economic Affairs

BUREAU OF THE CENSUS
Bruce Chapman, Director

ED238648

RC014522



BUREAU OF THE CENSUS

Bruce Chapman, Director

C. L. Kindannon, Deputy Director

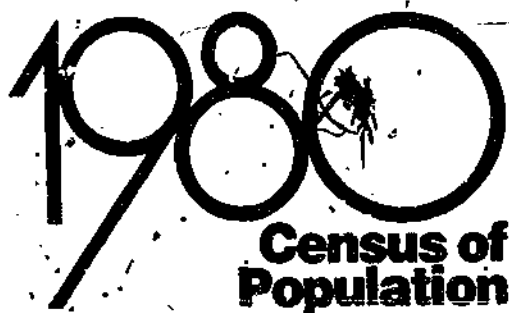
POPULATION DIVISION

Roger A. Herriot, Chief

Acknowledgments

This report was prepared by persons in the Labor Force Statistics Branch of Population Division. John A. Priebe and Delana F. Kametani planned and coordinated the report, under the general supervision of Thomas S. Scopp, Chief, Labor Force Statistics Branch, under the direction of Gordon W. Green, Assistant Chief (Socio-economic Statistics Program). Jerome Glynn and Marie Pees of the Computer Applications and Processing Staff were responsible for the computer programming of the detailed tables.

For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by draft on a U.S. bank.



Detailed Occupation and Years of School Completed by Age, for the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980

SUPPLEMENTARY REPORT

PC80-S1-8

Contents

	Page
Introduction.....	1
Definitions and Explanations.....	2
Tables:	
1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980	7
2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980.....	18
3. Years of School Completed of the Civilian Labor Force by Age, Sex, Race, and Spanish Origin: 1980	29
4. Years of School Completed of the Civilian Labor Force by Age, Sex, and Total Race: 1980	30

Introduction

BACKGROUND

This report presents data from the 1980 Census/Equal Employment Opportunity (EEO) Special File. The file was produced by the Bureau of the Census to help meet the needs of both government and private industry in planning EEO/Affirmative Action programs. Data from the 1980 Census of Population were used in preparing the file.

In 1978 the Census Bureau was contracted by a consortium of private companies to produce a set of special tabulations from the 1970 Census of Population that could be used for affirmative action program planning. Knowing that the demand would be even greater for these same types of data during the 1980's, the Census Bureau decided to produce the EEO Special File as a counterpart summary tape file using 1980 census data.

The following government agencies which are concerned with equal employment opportunity and civil rights issues contributed advice in establishing this file: the Equal Employment Opportunity Commission (EEOC); the Department of Labor, particularly the Office of Federal Contract Compliance Programs (OFCCP), the Employment and Training Administration (ETA), and the Office of Civil Rights; the Department of Justice; the Office of Personnel Management (OPM); and the Office of Federal Statistical Policy and Standards (OFSPS), which is now part of the Office of Management and Budget (OMB). The Census Bureau also received comments from companies in the private sector.

CONTENTS OF THE TABLES

The tables present data by sex, race, and Spanish/Hispanic origin. Tables 1 and 2 show detailed occupation data; Tables 3 and 4 present education by age data. The data are limited to United States totals. Comparable data for each State, county, and standard metropolitan statistical area (SMSA), and for each city with a population of 50,000 or more, are available from the EEO File in the form of computer summary tapes and microfiche. For further information on obtaining data for such areas, please write to the Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233, or call (301) 763-4100.

Census figures on the number of workers by occupation have generally been accepted as estimates for the number of workers who are "skilled." The number of "available skilled workers" is often needed for affirmative action plans or other EEO-related studies. The first two tables in this report address this need for work-experience data by furnishing counts of people in specific occupations.

Many entry-level jobs, apprenticeship programs, and other work situations, on the other hand, do not require a skill based on work experience (as measured by occupation) but instead require a certain level of educational attainment. Employers recruiting for such jobs or programs need to know the available pool of qualified potential applicants. The two tables for years of school completed by age of persons in the civilian labor force are designed to meet this need for data.

Summary Tape File 5 and the printed State reports, *Characteristics of the Population: Detailed Population Characteristics*, PC80-1-D, also will provide tables with other variables pertinent to affirmative action planning, such as income and earnings, veteran status, and occupation by industry.

ACCURACY OF THE DATA

All the data shown in this report are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete-count results, because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error, which affects both sample and complete-count data, is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error, a description of the estimation procedure, and the methods of calculating sampling errors are provided in the technical documentation for the EEO Special File. (Contact Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233 or call (301) 763-4100.) A similar detailed description of the accuracy of the data is contained in the Supplementary Report, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2.

Definitions and Explanations

REFERENCE WEEK

The data on labor force status relate to the calendar week preceding the week in which the respondents completed the questionnaires or were interviewed by enumerators. The reference week is not the same for all respondents because not all persons were enumerated during the same week. Since Census Day was April 1, 1980, the reference week for many respondents was the last week of March 1980.

LABOR FORCE STATUS

Civilian Labor Force—The civilian labor force consists of persons classified as employed or unemployed according to the following criteria:

Employed—Employed persons include all civilians 16 years old and over who were either (a) "at work"—those who did any work at all during the reference week as paid employees or in their own business, profession, or farm; or who worked 15 hours or more as unpaid workers on a family farm or in a family business; or (b) "with a job but not at work"—those who did not work during the reference week but had jobs or businesses from which they were temporarily absent due to illness, bad weather, industrial dispute, vacation, or other personal reasons. Excluded from the employed are persons whose only activity consisted of work around the house or volunteer work for religious, charitable, and similar organizations.

Unemployed—Persons are classified as unemployed if they are civilians 16 years old and over and (a) were neither "at work" nor "with a job but not at work" during the reference week, (b) were looking for work during the last 4 weeks, and (c) were available to

accept a job. Also included as unemployed are persons who did not work at all during the reference week and were waiting to be called back to a job from which they had been laid off.

Although the EEO Special File and this report contain data for the entire civilian labor force, occupation data are shown only for the "recent-experienced" civilian labor force (defined as persons employed in 1980 or unemployed having civilian work experience between 1975-1980).

Unemployed, No Civilian Work Experience Since 1975—Persons are classified as unemployed with no civilian work experience since 1975 if they reported themselves as unemployed at the time of the 1980 census and one of the following: (1) their last job since 1975 was in the Armed Forces; or (2) they last worked in 1974 or earlier; or (3) they reported that they had never worked.

OCCUPATION

The data on occupation were obtained for the employed, the experienced unemployed, and persons 16 years old and over with work experience but not currently in the labor force. For the last two categories, the occupation is the most recent job that a person held during the previous five years. For an employed person the information is about the job held during the reference week. Those who were employed at two or more jobs reported the job at which they worked the greatest number of hours during the reference week.

Classification System—The occupation statistics utilize the detailed classification system developed for the 1980 Census of Population. This classification consists of 503 specific occupation categories arranged into 6 summary and 13 major

occupation groups. It is based on the 1980 *Standard Occupational Classification (SOC) Manual*, published by the U.S. Department of Commerce, Office of Federal Statistical Policy and Standards.

This report presents the 503 detailed occupation categories, plus a category for unemployed with no civilian work experience since 1975, and industry and class of worker subcategories for a few selected occupations. The publications *1980 Census of Population: Classified Index of Industries and Occupations*, PHC80-R4, U.S. Government Printing Office, Washington, D.C., 1982, and the *SOC Manual* provide information on the composition of the detailed categories.

Comparability with 1970 Occupation Data—Although the 1980 Census/EEO Special File is the counterpart file to the 1970 special tabulations, the 1980 data are not totally comparable to the 1970 data because of major differences between the classification systems used for coding occupations in 1970 and 1980. Prior to the 1980 census there was no government-wide standard on which to base the successive decennial census occupational classification system. In 1977 (revised in 1980) the Office of Federal Statistical Policy and Standards developed the SOC system for use by all Federal agencies. The 1980 census system is the first based on this SOC system.

One advantage of this new classification is greater consistency of occupation data among government sources. On the other hand, since many 1980 occupation groups and categories are only partially comparable to the ones in 1970, the differences will complicate EEO and other studies attempting to measure changes during the decade.

Some of the differences in the classification structure are as follows:

1. Working proprietors in sales and other sales managers who perform some of

Definitions and Explanations

the same duties as the workers they supervise are now classified as "sales supervisors" rather than "managers."

2. "Cashiers" and some "counter clerks, except food" were transferred from "clerical" to "sales workers."
3. The farming occupations were expanded to include related off-farm activities, so some former "laborers" (e.g., gardeners) were transferred to this group.
4. Some 1970 "operatives" were moved to "precision production occupations," such as "butchers and meat cutters," "dressmakers," "drywall installers," and "precision assemblers."
5. Conversely, some 1970 "craft workers" moved to "machine operators" or to "transportation and material moving occupations." Examples are "job setters" (those who set up a machine for others), "printing press operators," "locomotive operating occupations," and "excavating and loading machine operators."

A more detailed description of the changes in the classification systems and the data will be presented in a technical paper equivalent to the technical paper which compared the 1960 system to the 1970 system.¹

INDUSTRY AND CLASS OF WORKER

This report shows data on major industry and class of worker subcategories for selected occupation groups. The information on industry and class of worker refers to the same job as the respondent's occupation. The industry statistics are based on the 1980 census detailed classification system developed from the U.S. Standard Industrial Classification (SIC) system. Definitions of the class of worker categories shown in this report are as follows:

Salary Employees—Persons who work for a private employer or for any Federal, State, or local governmental unit for wages, salary, commission, tips, pay-in-kind, or at piece rates; this category also includes persons who work as employees

of their own incorporated business or trade.

Self-employed—Those who work for profit or fees in their own unincorporated business, profession, or trade, or who operate a farm, or who work without pay in a family business or farm.

RACE

Definition—The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. The data, therefore, represent self-classification by people according to the race with which they identify.

For persons who could not provide a single response to the race question, the race of the person's mother was used; however, if a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire, but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category; in the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire, but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, and Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or reported such entries as Canadian Indian, French American Indian, or

Spanish American Indian were classified as American Indian.

The category "Asian and Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, or Guamanian, as well as persons who provided write-in entries of such Asian and Pacific Islander groups as Cambodian, Laotian, Pakistani, and Fiji Islander under the "Other" race category.² Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above were classified accordingly. For example, entries of Nipponese and Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc.

The category "Race, n.e.c." includes all persons not in the categories White, Black, American Indian, Eskimo and Aleut, and Asian and Pacific Islander mentioned previously. Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c." During the coding operations, each of the subgroups comprising "Race, n.e.c." as well as the write-in entries of Asian and Pacific Islander groups under the "Other" race category were identified separately. The Bureau plans to provide figures for the component groups in subsequent 1980 census reports.

If the race entry was missing on the questionnaire for a member of a household, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a household in a previously processed household was assigned.

Comparability with 1970 Race Data—Differences between the 1980 census and the 1970 census in reporting and processing seriously affect comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census; this difference in reporting has a substantial impact on the population totals and comparability for

¹ U.S. Bureau of the Census, *1970 Occupation and Industry Classification Systems in Terms of Their 1960 Occupation and Industry Elements*, (Technical Paper 26).

Definitions and Explanations

the "White" population, and the "Race, n.e.c." or "Other" race population (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1960 than in 1970 reported their race as "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category.

As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally, in 1970, only 1 percent of Spanish origin persons were classified as "Other" race and 93 percent as "White." In 1980, a much larger proportion—38 percent—of Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 population totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

Data were collected separately for Eskimos and Aleuts in all states for the first time in the 1980 census. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes did not seriously affect the comparability of 1980 and 1970 data for the "American Indian, Eskimo, and Aleut" population.

The 1980 data on the Asian and Pacific Islander population reflect a high level of immigration during the 1970's, as well as a number of changes in census procedures. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded to include Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians, classified as "White" in 1970, were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race category in the 1970 census, but in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fiji Islander were identified and tabulated as "Asian and Pacific

Islander" in the 1980 census; in 1970, most of these groups were included in the "Other" race category. Also, in 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970, Eskimo and Aleut were substituted for these two categories in Alaska. Since the numbers of Hawaiians and Koreans in Alaska were small, this change does not have a significant impact on the comparability of the 1980 and 1970 data.

SPANISH ORIGIN

Definition—Persons of Spanish/Hispanic origin or descent are those who classified themselves in one of the specific Spanish origin categories listed in question 7 on the questionnaire—Mexican, Puerto Rican, or Cuban—as well as those who indicated that they were of other Spanish/Hispanic origin. Persons reporting "other Spanish/Hispanic" origin are those whose origins are from Spain, the Spanish-speaking countries of Central or South America, or they are Spanish origin persons identifying themselves generally as Spanish, Spanish American, Hispano, Latino, etc. Origin or descent can be viewed as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. Persons of Spanish origin may be of any race.

Persons of more than one type of Spanish origin and persons of both a Spanish and some other origin(s) who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin was not provided for the person's mother, then the first origin reported by the person was recorded. If any household member failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the sample edit operation according to available related information such as ancestry and place of birth reported for the household member. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race.

Limitations of the Spanish Origin Data—

A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred in the South (excluding Texas), the Northeast (excluding the New York City area), and a few states in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population, or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Census of Population Supplementary Report, *Persons of Spanish Origin by State: 1980*, PC80-S1-7.

Comparability with 1970 Spanish Origin Data—The 1980 figures on Spanish origin are not directly comparable with 1970 Spanish origin totals because of several factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvement explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included, the placement of the category "No, not Spanish/Hispanic" as the first category in that question. The corresponding category appeared last in the 1970 question. The category "Central or South American" was deleted because in 1970 some respondents misinterpreted the category; and the designations "Mexican-Amer." and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin

Definitions and Explanations

was asked of only a 5-percent sample of the population in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

AGE

The age classification is based on the age of the person in completed years as of April 1, 1980, and was determined from the response to questions on age at last birthday, and month and year of birth.

YEARS OF SCHOOL COMPLETED

The data on years of school completed were based on the responses to the ques-

tions on the highest grade (or year) that the person had ever attended. Persons whose education was received in a foreign school system or an ungraded school, were instructed to report the approximate equivalent grade in the regular American school system. If a person were currently attending or did not finish the highest grade attended, he or she was tabulated as having completed the previous grade or year.

SYMBOL AND ABBREVIATIONS USED IN TABLES

A dash "-" represents zero. The following abbreviations have been used in the tables:

admin. — administrative
bldg. — building
constr. — construction
enrg. — engineering
exc. — except
insps. — inspectors
instr. — instrument
lab. — laboratory
mach. — machine
mechs. — mechanics
misc. — miscellaneous
n.e.c. — not elsewhere classified
prep. — preparation
proprs. — proprietors
pub. — public
refrig. — refrigeration
reps. — representatives
tech. — technical
trng. — training
trans. — transportation

Facsimile of questionnaire items 28-30

28-30. Current or most recent job activity <i>Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give information for last job or business since 1975.</i>		28.
		A B C
		0 0 0
		D E F
		0 0 0
		G H J
		0 0 0
		K L M
		0 0 0
28. Industy a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31. <i>(Name of company, business, organization, or other employer)</i>		0 0 0
		1 1 1
		2 2 2
		3 3 3
b. What kind of business or industry was this? <i>Describe the activity at location where employed.</i>		4 4 4
		5 5 5
		6 6 6
		7 7 7
		8 8 8
		9 9 9
c. Is this mainly — (Fill one circle)		AF
Manufacturing <input checked="" type="radio"/> Retail trade		NW
Wholesale trade <input type="radio"/> Other — (agriculture, construction, service, government, etc.)		
29. Occupation a. What kind of work was this person doing? <i>(For example, Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</i>		29.
		N P Q
		0 0 0
		R S T
		0 0 0
		U V W
		0 0 0
		X Y Z
		0 0 0
30: Was this person — (Fill one circle)		0 0 0
Employee of private company, business, or individual, for wages, salary, or commissions <input checked="" type="radio"/>		1 1 1
Federal government employee <input type="radio"/>		2 2 2
State government employee <input type="radio"/>		3 3 3
Local government employee (city, county, etc.) <input type="radio"/>		4 4 4
Self employed in own business, professional practice, or farm —		5 5 5
Own business not incorporated <input type="radio"/>		6 6 6
Own business incorporated <input type="radio"/>		7 7 7
Working without pay in family business or farm <input type="radio"/>		8 8 8
		9 9 9

Definitions and Explanations

Instructions to the respondent for questionnaire items 28-30

28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

c. Mark Manufacturing if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark Wholesale trade if the business mostly sells things to stores or other companies.

Mark Retail trade if the business mostly sells things (not services) to individuals.

Mark Other if the main activity of the employer is not making or selling things. Some examples of Other are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

b. Print the most important things that the person does on the job. Some examples are shown on the census form.

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle.

Mark Local government employee for a teacher working in an elementary or secondary public school.

Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		SPANISH ORIGIN ¹		NOT OF SPANISH ORIGIN									
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
					MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER	59 926 988	44 523 329	5 593 050	2 399 665	49 800 137	35 877 061	5 294 596	5 182 620	311 862	234 595	908 624	787 506	58 011	41 783
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	13 457 369	9 196 289	408 036	202 284	12 127 714	7 888 028	566 139	795 567	43 986	39 684	298 819	102 775	11 515	7 991
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	7 209 661	3 168 857	224 874	110 178	6 560 433	2 755 972	277 215	226 986	22 687	14 624	118 663	58 355	3 789	2 740
LEGISLATORS	7 112	3 557	346	34	6 192	3 233	399	166	253	61	116	48	4	11
CHIEF EXECUTIVES AND GENERAL ADMINISTRATORS, PUBLIC ADMINISTRATION	27 458	8 319	1 223	315	22 416	6 078	3 104	1 655	429	141	251	198	35	12
ADMINISTRATORS & OFFICIALS, PUBLIC ADMINISTRATION	196 464	99 518	6 612	3 379	171 787	53 182	13 402	11 013	1 861	814	2 615	1 053	188	73
ADMINISTRATORS, PROTECTIVE SERVICES	23 769	2 468	558	101	22 141	2 053	824	270	144	24	98	16	7	7
FINANCIAL MANAGERS	281 218	128 626	7 553	3 822	261 088	116 748	6 792	5 989	402	317	1 262	1 076	141	74
PERSONNEL AND LABOR RELATIONS MANAGERS	140 747	79 198	6 247	3 206	124 144	68 206	4 051	6 198	439	302	1 777	1 142	89	54
PURCHASING MANAGERS	56 088	15 111	1 364	410	52 456	13 389	1 433	1 016	131	46	655	235	49	15
MANAGERS, MARKETING, ADVERTISING, & PUB. RELATIONS	567 362	121 513	11 293	3 427	540 409	111 891	9 044	4 310	990	327	5 346	1 465	269	93
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	239 766	147 772	6 113	4 672	210 678	121 224	20 154	19 193	945	1 050	1 718	1 532	158	101
MANAGERS, MEDICINE AND HEALTH	54 583	56 298	1 459	1 724	48 300	47 786	3 872	5 608	205	359	709	805	38	16
MANAGERS, PROPERTIES AND REAL ESTATE	117 835	82 237	7 246	2 948	100 927	73 054	7 654	4 879	554	493	1 317	824	128	39
POSTMASTERS AND MAIL SUPERINTENDENTS	37 731	13 632	350	165	16 791	13 140	3 066	4 122	109	141	63	82	2	2
FEDERAL DIRECTORS	3 768	3 510	494	78	32 931	2 711	3 180	691	89	-	81	36	11	-
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	3 404 912	1 253 749	105 960	42 019	3 120 434	1 111 940	112 058	75 664	9 788	5 482	53 899	18 192	2 792	1 170
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	419 697	154 149	16 117	6 075	377 487	136 680	12 241	9 697	1 258	435	12 824	6 003	540	159
MANAGEMENT RELATED OCCUPATIONS	1 618 132	999 290	52 142	37 803	1 452 397	845 335	74 476	85 515	1 120	4 459	32 650	25 174	1 347	914
ACCOUNTANTS AND AUDITORS	626 558	386 299	18 422	13 380	563 916	324 773	23 174	30 560	1 272	1 553	19 212	15 608	562	445
UNDERWRITERS	7 752	10 885	412	412	7 021	9 522	393	778	12	21	105	105	11	11
OTHER FINANCIAL OFFICERS	223 633	182 318	5 895	6 821	205 881	160 260	7 371	10 879	499	662	3 872	3 503	165	163
MANAGEMENT ANALYSTS	68 662	29 029	1 809	857	62 171	25 971	2 994	2 443	296	177	1 262	410	120	31
PERSONNEL, INC., AND LABOR RELATIONS SPECIALISTS	224 039	198 780	10 900	10 207	189 001	158 162	20 077	25 952	1 275	1 247	2 582	3 984	204	134
PURCHASING AGENTS AND BUYERS, FARM PRODUCTS	17 533	1 547	417	74	16 805	1 336	565	126	46	-	94	11	6	-
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	93 192	74 639	2 872	2 126	86 634	68 006	2 134	3 218	190	180	1 326	1 040	46	69
PURCHASING AGENTS AND BUYERS, N.E.C.	130 749	60 979	3 484	1 625	121 360	54 711	4 224	3 762	463	254	1 193	592	65	35
BUSINESS AND PROMOTION AGENTS	13 780	6 827	611	158	12 163	6 227	806	321	34	25	134	79	12	7
CONSTRUCTION INSPECTORS	48 413	2 479	1 652	130	43 074	3 867	2 675	406	271	8	648	62	73	6
INSPECTORS & COMPLIANCE OFFICERS, EXCEPT CONST.	128 935	27 909	5 592	1 511	111 472	20 579	9 111	4 710	659	244	2 019	497	86	8
MANAGEMENT RELATED OCCUPATIONS, N.E.C.	14 416	18 649	399	496	12 899	13 531	902	2 344	103	88	165	183	8	7
PROFESSIONAL SPECIALTY OCCUPATIONS	6 247 708	6 027 432	183 162	172 106	5 567 281	5 132 056	288 924	568 581	20 399	25 018	180 216	124 720	7 726	5 251
ENGINEERS, ARCHITECTS, AND SURVEYORS	1 465 220	75 080	34 811	2 572	1 327 091	64 250	34 441	4 822	3 457	262	63 559	3 068	1 861	106
ARCHITECTS	98 743	8 950	3 983	370	88 047	7 852	2 643	303	178	30	3 769	395	123	-
ENGINEERS	1 376 164	64 809	29 834	2 129	1 210 945	55 225	31 085	4 475	3 000	219	59 568	2 663	1 722	98
AEROSPACE	85 622	2 869	2 487	81	77 557	2 394	1 476	221	221	-	4 107	173	74	-
MECHANICAL AND MATERIALS	23 260	1 279	439	42	21 397	1 095	963	89	19	21	893	41	49	-
MINING	9 700	341	267	28	9 074	301	100	67	67	7	194	35	47	-
PETROLEUM	22 235	819	976	28	20 863	719	315	31	96	6	875	5	47	-
CHEMICAL	54 467	3 015	410	410	49 349	2 490	947	205	10	8	3 078	186	79	16
NUCLEAR	194 029	6 006	5 407	159	174 802	5 061	4 492	368	544	24	12 204	352	378	22
CIVIL	8 115	399	82	7	3 845	353	62	23	4	7	122	7	-	-
AGRICULTURAL	306 695	16 179	7 187	679	276 662	13 344	7 977	1 462	715	14	13 830	681	324	19
ELECTRICAL AND ELECTRONIC	174 966	19 354	3 475	639	163 026	17 079	4 494	1 116	342	94	3 432	396	199	30
INDUSTRIAL	193 579	4 971	3 360	88	177 807	3 472	4 354	304	360	20	7 457	182	241	5
MECHANICAL	16 367	315	555	3	15 011	278	343	19	49	6	393	9	16	-
ENGINEERS, N.E.C.	238 210	9 828	5 299	255	213 549	8 321	5 734	656	497	12	12 767	578	304	6
SURVEYORS AND MAPPING SCIENTISTS	30 313	1 321	994	73	28 089	1 173	113	44	279	13	222	10	16	8
MATHEMATICAL AND COMPUTER SCIENTISTS	244 129	86 818	5 570	2 163	207 996	73 125	9 582	7 691	593	308	8 115	2 964	273	67
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	157 140	45 513	3 641	1 162	144 521	38 952	5 999	3 405	369	170	5 435	1 772	175	50
OPERATIONS AND SYSTE. RESEARCHERS AND ANALYSTS	58 435	22 461	1 353	515	52 008	18 860	2 456	2 418	158	81	1 483	557	70	6
ACTUARIES	7 682	2 637	46	28	7 280	2 437	91	94	-	-	259	78	6	-
STATISTICIANS	15 684	14 516	398	439	13 711	11 917	786	1 595	41	57	733	497	15	11
MATHEMATICAL SCIENTISTS, N.E.C.	5 188	1 213	132	15	4 576	959	248	179	25	-	200	60	7	-
NATURAL SCIENTISTS	251 535	62 660	5 280	1 922	226 750	52 193	8 022	3 899	906	259	10 132	6 364	445	113
PHYSICISTS AND ASTRONOMERS	21 253	1 220	324	37	19 352	1 102	314	41	30	-	1 152	40	81	-
CHEMISTS, EXCEPT BIOCHEMISTS	81 699	20 540	1 794	792	70 725	15 849	3 571	1 456	145	54	5 322	2 348	142	39
ATMOSPHERIC AND SPACE SCIENTISTS	6 986	1 429	145	53	6 383	1 219	281	129	45	2	106	26	26	-
GEOLOGISTS AND GEODESISTS	40 985	5 142	776	63	38 069	4 768	488	205	85	10	621	91	46	5
PHYSICAL SCIENTISTS, N.E.C.	8 874	1 767	165	42	8 250	1 484	311	196	4	2	132	28	12	-
AGRICULTURAL AND FOOD SCIENTISTS	19 009	5 580	479	128	17 234	707	437	47	37	47	438	198	12	-
BIOLOGICAL AND LIFE SCIENTISTS	30 810	15 239	541	439	27 625	12 894	871	606	60	52	1 483	1 012	60	32
FORESTRY AND CONSERVATION SCIENTISTS	31 905	3 542	663	159	29 662	3 133	951	188	69	69	205	63	33	-
MEDICAL SCIENTISTS	11 904	8 161	393	239	10 348	6 870	434	441	23	26	673	554	33	25

¹ PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980-Con.

(DATA BASED ON SAMPLE. SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS. SEE TEXT.)

UNITED STATES	TOTAL		SPANISH ORIGIN ¹		NOT OF SPANISH ORIGIN									
					WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.														
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS--CON.														
PROFESSIONAL SPECIALTY OCCUPATIONS--CON.														
HEALTH DIAGNOSING OCCUPATIONS	570 546	76 280	18 946	3 300	501 141	56 484	13 750	3 946	673	165	35 200	12 213	836	172
PHYSICIANS	375 289	57 966	16 283	2 570	317 142	40 760	10 090	3 153	366	127	30 654	11 262	732	154
DEVIANTS	116 916	2 375	1 812	361	108 990	6 890	2 664	468	167	18	3 226	606	95	12
VETERINARIANS	29 797	4 558	251	137	28 706	4 216	402	120	56	6	359	73	23	6
OPTOMETRISTS	22 569	2 036	322	110	21 544	1 765	106	56	76	8	461	97	8	6
PODIATRISTS	7 124	657	62	22	6 805	1 765	203	76	76	8	54	41	8	6
HEALTH DIAGNOSING PRACTITIONERS, N.E.C.	18 851	2 688	216	102	17 954	2 375	191	71	20	6	444	134	18	6
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	280 569	1 482 007	6 805	32 757	205 688	1 270 888	17 232	116 192	758	4 569	7 729	48 242	337	1 359
REGISTERED NURSES	92 755	1 232 544	2 610	24 930	42 405	1 071 709	5 363	90 009	175	3 681	1 892	41 054	110	1 161
PHARMACISTS	110 635	35 002	2 028	1 454	101 051	29 385	2 949	1 766	158	89	4 313	2 269	136	29
DIETICIANS	6 707	60 483	425	2 058	4 224	43 289	1 907	12 493	25	207	179	2 304	27	32
THERAPISTS	52 181	141 752	2 697	3 599	42 490	125 014	5 632	10 318	268	413	1 051	2 277	43	13
INHALATION THERAPISTS	21 179	27 559	1 524	1 062	16 916	22 919	2 124	2 982	90	118	519	451	6	2
OCCUPATIONAL THERAPISTS	1 499	16 257	58	272	1 183	14 975	200	574	14	36	44	384	7	1
PHYSICAL THERAPISTS	11 234	31 841	404	872	9 552	28 245	993	1 937	33	78	244	681	8	2
SPEECH THERAPISTS	4 485	36 871	110	607	4 152	33 908	176	1 863	22	54	25	359	20	20
THERAPISTS, N.E.C.	13 784	29 284	601	792	10 467	24 967	2 139	2 962	109	127	219	404	29	32
PHYSICIANS' ASSISTANTS	18 211	12 226	1 045	706	15 318	9 491	1 401	1 806	132	79	294	338	21	6
TEACHERS, POSTSECONDARY	404 104	233 045	9 548	7 191	361 956	203 640	15 334	15 468	1 179	761	15 311	5 699	776	286
EARTH, ENVIRONMENTAL, & MARINE SCIENCE TEACHERS	1 904	370	12	19	1 827	342	10	5	5	38	9	12	1	1
BIOLOGICAL SCIENCE TEACHERS	6 537	3 114	75	30	6 095	2 782	122	171	8	13	230	113	7	5
CHEMISTRY TEACHERS	6 671	7 717	117	39	6 040	1 531	148	58	15	351	83	11	1	1
PHYSICS TEACHERS	4 882	532	133	22	4 363	482	65	16	6	303	38	12	4	1
NATURAL SCIENCE TEACHERS, N.E.C.	637	194	24	7	588	184	6	10	1	19	1	1	1	1
PSYCHOLOGY TEACHERS	3 494	2 326	45	79	3 244	2 047	123	153	29	53	47	13	1	1
ECONOMICS TEACHERS	4 024	1 008	55	39	3 681	872	103	43	172	54	13	1	1	1
HISTORY TEACHERS	4 267	1 333	78	5	4 002	1 224	126	64	61	20	13	1	1	1
POLITICAL SCIENCE TEACHERS	1 677	389	19	7	1 451	375	110	6	78	10	13	1	1	1
SOCIOLOGY TEACHERS	2 263	944	33	23	2 016	815	129	87	10	62	18	13	1	1
SOCIAL SCIENCE TEACHERS, N.E.C.	1 301	708	32	42	1 192	642	23	12	16	6	27	6	11	6
ENGINEERING TEACHERS	9 719	1 253	201	25	8 670	1 115	317	70	38	487	36	14	5	7
MATHEMATICAL SCIENCE TEACHERS	11 390	5 307	311	61	10 009	4 555	496	938	58	7	221	14	5	1
COMPUTER SCIENCE TEACHERS	1 862	716	72	27	1 519	615	68	81	7	170	20	6	1	1
MEDICAL SCIENCE TEACHERS	6 891	2 123	225	51	6 141	1 939	175	81	319	45	31	7	1	1
HEALTH SPECIALTIES TEACHERS	2 596	16 955	54	333	2 360	15 159	139	1 093	12	61	51	303	6	6
BUSINESS, COMMERCE, AND MARKETING TEACHERS	4 022	3 594	58	100	3 651	3 180	169	259	20	10	117	45	7	1
AGRICULTURE AND FORESTRY TEACHERS	3 288	567	38	7	3 009	521	122	37	18	41	10	18	1	1
ART, DRAMA, AND MUSIC TEACHERS	14 716	13 667	284	194	13 448	12 456	773	673	64	54	135	272	12	16
PHYSICAL EDUCATION TEACHERS	5 382	3 626	133	50	4 722	3 319	432	194	26	20	69	35	8	8
EDUCATION TEACHERS	1 373	935	24	6	1 207	807	121	90	6	9	32	5	1	1
ENGLISH TEACHERS	10 538	12 865	266	286	9 740	11 666	302	700	8	45	192	140	20	22
FOREIGN LANGUAGE TEACHERS	4 039	5 915	451	817	3 331	689	56	129	6	3	184	254	11	23
LAW TEACHERS	3 301	811	49	16	3 125	711	104	78	1	19	6	4	1	1
SOCIAL WORK TEACHERS	329	781	11	35	306	318	12	105	1	23	1	1	1	1
THEOLOGY TEACHERS	2 809	787	35	18	2 664	704	64	25	8	46	12	1	1	1
TRADE AND INDUSTRIAL TEACHERS	2 490	1 105	37	17	2 221	993	183	95	8	36	5	1	1	1
HOME ECONOMICS TEACHERS	163	1 824	43	43	150	1 635	5	112	1	8	13	1	1	1
TEACHERS, POSTSECONDARY, N.E.C.	2 565	1 402	54	29	2 263	1 208	146	111	7	80	47	1	1	1
POSTSECONDARY TEACHERS, SUBJECT NOT SPECIFIED	279 034	148 503	6 638	4 754	246 905	126 763	10 683	10 490	813	526	11 447	3 787	547	183
TEACHERS, EXCEPT POSTSECONDARY	1 086 775	2 635 345	32 032	74 280	961 398	2 234 580	76 392	286 545	4 504	17 086	11 494	27 238	955	3 616
TEACHERS, PREKINDERGARTEN AND KINDERGARTEN	4 564	176 774	363	7 532	4 687	142 126	1 272	24 171	79	1 099	157	1 673	5	173
TEACHERS, ELEMENTARY SCHOOL	469 823	1 749 547	17 661	48 768	497 935	1 671 072	95 830	263 147	2 207	7 190	5 627	18 451	563	919
TEACHERS, SECONDARY SCHOOL	374 203	486 603	9 138	12 367	339 579	423 635	20 751	44 232	1 479	1 807	3 014	4 205	242	347
TEACHERS, SPECIAL EDUCATION	10 136	22 680	269	422	8 962	19 846	693	2 364	68	107	110	129	8	12
TEACHERS, N.E.C.	126 047	199 741	4 601	5 207	110 215	178 101	7 845	12 611	671	883	2 578	2 780	137	165
COUNSELORS, EDUCATIONAL AND VOCATIONAL	90 587	107 689	4 162	4 208	73 447	83 405	10 607	17 183	1 054	1 379	1 219	1 395	93	99
LIBRARIANS, ARCHIVISTS, AND CURATORS	40 514	162 167	1 613	3 219	34 579	83 402	2 472	11 917	153	350	1 219	2 947	78	132
LIBRARIANS	32 779	154 600	1 348	3 028	27 836	136 708	2 347	11 366	120	499	1 056	2 876	72	123
ARCHIVISTS AND CURATORS	7 735	7 567	265	191	6 743	6 694	525	551	33	51	163	71	6	6

¹PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980--Con.

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		SPANISH ORIGIN ¹		NOT OF SPANISH ORIGIN								RACE, N.E.C.		
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER				
					MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	
CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON.															
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS--CON.															
PROFESSIONAL SPECIALTY OCCUPATIONS--CON.															
SOCIAL SCIENTISTS AND URBAN PLANNERS	136 114	81 744	3 540	2 090	123 917	71 234	5 429	6 653	431	319	2 604	1 312	193	136	
ECONOMISTS	47 216	28 347	1 483	608	61 773	25 241	2 096	1 828	169	68	1 599	265	98	37	
PSYCHOLOGISTS	49 102	43 827	1 379	1 128	44 635	37 766	2 362	4 100	143	195	515	546	68	94	
SOCIOLOGISTS	1 489	1 061	40	32	1 294	927	111	42	-	12	44	98	-	-	
SOCIAL SCIENTISTS, N.E.C.	8 177	5 300	251	189	7 483	4 739	214	242	38	30	172	95	19	5	
URBAN PLANNERS	10 128	3 209	387	133	8 732	2 561	646	441	81	16	274	58	8	-	
SOCIAL, RECREATION, AND RELIGIOUS WORKERS	461 205	368 967	18 311	18 068	387 898	276 331	45 513	66 588	2 535	2 939	6 277	4 556	471	485	
SOCIAL WORKERS	161 258	298 726	11 758	15 474	116 446	215 573	26 559	60 946	1 625	4 256	2 601	3 765	271	403	
RECREATION WORKERS	12 122	23 278	753	1 176	8 176	20 262	2 859	3 362	144	210	160	236	30	52	
CLERGY	268 610	16 438	5 331	568	262 223	14 681	15 095	952	691	68	3 113	155	159	10	
RELIGIOUS WORKERS, N.E.C.	21 215	26 529	669	850	19 053	25 815	1 002	1 328	77	96	403	400	11	40	
LAWYERS AND JUDGES	455 642	74 057	7 488	2 055	433 739	65 944	10 386	4 747	880	257	2 034	961	355	93	
LAWYERS	432 559	69 275	7 017	1 913	412 526	61 893	9 224	4 226	750	207	2 710	993	332	93	
JUDGES	23 083	4 782	431	122	21 213	4 051	1 162	521	130	50	124	18	23	-	
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	800 768	582 115	52 896	18 301	709 681	528 670	39 344	22 930	3 271	2 164	14 523	9 461	1 053	587	
AUTHORS	25 409	20 359	591	356	23 809	19 094	592	616	85	64	276	166	56	43	
TECHNICAL WRITERS	30 984	18 612	530	328	28 753	16 664	1 097	1 156	100	81	475	160	29	23	
DESIGNERS	169 504	168 770	7 252	5 566	151 191	154 070	5 926	4 834	481	333	4 578	3 458	174	109	
MUSICIANS AND COMPOSERS	99 065	41 491	5 473	719	84 413	38 021	7 157	1 942	485	152	1 393	828	193	29	
ACTORS AND DIRECTORS	44 049	23 131	1 353	890	39 391	20 343	2 384	1 436	191	76	513	337	17	29	
PAINTERS, SCULPTORS, CRAFT-ARTISTS, AND ARTIST PRINTMAKERS	79 445	73 717	4 052	1 573	69 374	48 794	3 316	1 474	653	415	1 938	1 368	112	73	
PHOTOGRAPHERS	72 494	22 266	2 985	765	53 991	19 198	3 652	952	207	139	1 366	212	115	-	
DANCERS	3 350	9 844	243	544	2 631	7 934	317	817	19	83	140	448	-	16	
ARTISTS, PERFORMERS, AND RELATED WORKERS, N.E.C.	29 356	20 297	1 656	570	25 242	18 416	1 693	807	220	126	484	313	61	65	
EDITORS AND REPORTERS	106 942	103 889	3 585	3 927	97 766	93 820	3 292	4 161	271	339	1 866	1 499	162	148	
PUBLIC RELATIONS SPECIALISTS	61 482	58 595	1 655	1 810	55 764	52 340	2 980	3 495	189	265	766	657	88	28	
ANNOUNCERS	58 392	8 594	1 567	432	53 281	7 198	3 048	757	189	55	228	117	79	15	
ATHLETES	40 239	12 568	1 954	606	33 875	11 378	3 708	463	180	36	500	78	17	7	
TECH., SALES, & ADMIN. SUPPORT OCCUPATIONS	11 001 736	19 081 842	515 756	896 665	9 476 556	16 809 297	758 025	1 782 329	37 547	86 828	202 923	210 261	10 929	16 462	
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 721 551	1 541 081	68 629	47 314	1 492 328	1 089 582	93 394	159 778	7 405	4 451	55 595	36 390	2 180	1 366	
HEALTH TECHNOLOGISTS AND TECHNICIANS	162 175	827 172	9 692	27 434	123 341	660 278	20 239	115 917	927	4 209	7 664	18 555	292	779	
CLINICAL LAB. TECHNOLOGISTS & TECHNICIANS	62 175	181 807	3 919	6 173	45 783	145 431	8 008	20 068	258	604	4 084	9 414	123	117	
DENTAL HYGIENISTS	708	45 484	37	717	566	45 559	37	662	-	37	68	886	-	23	
HEALTH RECORD TECHNOLOGISTS AND TECHNICIANS	1 314	13 833	86	516	945	11 477	196	1 232	8	168	67	374	12	16	
RADIOLOGIC TECHNICIANS	27 356	69 955	2 061	1 916	21 057	61 042	2 864	5 033	160	217	1 195	667	19	80	
LICENSED PRACTICAL NURSES	14 764	420 412	734	14 328	10 652	322 480	2 910	74 942	128	2 462	522	5 575	18	425	
HEALTH TECHNOLOGISTS AND TECHNICIANS, N.E.C.	55 658	96 681	2 855	3 784	44 338	76 289	6 244	13 930	373	521	1 928	2 039	120	118	
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH	1 559 356	513 909	58 937	19 880	1 360 987	429 304	73 135	43 861	6 478	2 442	47 931	17 835	1 888	587	
ENGR. AND RELATED TECHNOLOGISTS AND TECHNICIANS	788 943	158 072	33 632	7 523	693 237	131 344	36 524	13 053	3 618	639	21 030	5 313	902	200	
ELECTRICAL AND ELECTRONIC TECHNICIANS	235 581	30 603	9 852	2 123	264 079	23 362	12 442	5 663	893	146	7 974	1 265	341	44	
INDUSTRIAL ENGINEERING TECHNICIANS	8 404	2 240	288	100	7 636	1 945	400	163	20	7	46	25	12	-	
MECHANICAL ENGINEERING TECHNICIANS	14 588	1 004	458	72	13 108	838	637	86	35	-	321	8	29	-	
ENGINEERING TECHNICIANS, N.E.C.	207 139	64 895	6 686	2 539	186 462	53 938	9 127	4 054	716	166	3 951	2 094	197	104	
DRAFTING OCCUPATIONS	274 659	54 808	14 304	2 527	237 850	47 509	12 540	2 651	1 319	257	8 524	1 832	302	52	
SURVEYING AND MAPPING TECHNICIANS	48 572	4 522	2 044	162	44 060	5 752	1 368	456	635	63	414	89	21	-	
SCIENCE TECHNICIANS	132 393	60 464	5 523	2 870	113 885	49 877	8 677	5 660	482	243	3 640	1 798	166	59	
BIOLOGICAL TECHNICIANS	46 901	19 503	1 284	975	23 599	16 393	1 706	1 521	144	47	693	555	35	12	
CHEMICAL TECHNICIANS	56 768	16 655	2 168	684	48 437	13 570	4 497	1 838	153	78	1 455	470	58	15	
SCIENCE TECHNICIANS, N.E.C.	48 724	24 309	2 091	1 211	42 389	19 914	2 474	2 301	185	118	1 512	733	73	32	
TECHNICIANS, EXC. HEALTH, ENGINEERING, & SCIENCE	638 020	295 370	19 782	9 487	561 863	248 083	29 934	25 148	2 378	1 560	23 281	10 764	820	328	
AIRPLANE PILOTS AND NAVIGATORS	75 149	1 039	1 194	78	72 585	922	630	26	285	-	445	13	50	-	
AIR TRAFFIC CONTROLLERS	34 879	6 164	1 453	155	31 031	5 054	2 017	823	164	37	486	66	28	7	
BROADCAST EQUIPMENT OPERATORS	40 707	32 015	1 422	1 287	36 365	27 330	2 230	2 750	361	454	286	191	53	23	
COMPUTER PROGRAMMERS	213 716	98 957	6 099	2 680	195 052	82 561	9 890	7 856	604	266	8 845	5 478	246	116	
TOOL PROGRAMMERS, NUMERICAL CONTROL	6 313	2 262	204	76	5 810	1 810	190	254	-	8	179	114	5	-	
LEGAL ASSISTANTS	28 566	54 621	1 133	1 620	21 355	49 396	1 521	2 740	124	286	403	542	30	37	
TECHNICIANS, N.E.C.	257 690	100 312	8 557	3 591	201 792	81 050	13 456	10 717	840	489	12 837	4 340	408	145	

¹PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

BEST COPY AVAILABLE

Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980-Con.

(DATA BASED ON SAMPLE, SEE TEXT, FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		SPANISH ORIGIN ¹		NOT OF SPANISH ORIGIN									
					WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.														
TECH., SALES & ADMIN. SUPPORT, OCCUPATIONS--CON.														
SALES OCCUPATIONS	5 261 974	4 995 335	199 505	222 016	4 778 123	4 350 631	199 216	326 358	13 327	18 741	67 742	73 576	3 981	4 011
SUPERVISORS & PROPS., SALES OCCUPATIONS, SALARIED, SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS, SELF-EMPLOYED.	852 207	318 974	32 422	11 319	738 055	288 037	27 249	14 357	2 363	1 082	11 567	3 958	554	221
SALES REPRESENTATIVES, FINANCE & BUSINESS SERVICES, INSURANCE SALES OCCUPATIONS	224 838	126 518	12 325	4 350	293 771	114 264	9 577	3 644	920	536	7 967	3 655	272	69
REAL ESTATE SALES OCCUPATIONS	1 192 020	653 562	28 361	18 214	1 111 922	598 904	36 261	25 520	2 324	1 924	13 258	6 480	444	518
SECURITIES AND FINANCIAL SERVICE SALES OCCUPATIONS.	423 734	144 128	10 136	4 471	390 114	125 577	17 834	11 414	714	379	4 723	2 042	215	151
ADVERTISING AND RELATED SALES OCCUPATIONS	360 675	297 700	8 240	6 363	378 869	282 238	7 939	4 695	855	819	4 492	3 135	272	150
SALES OCCUPATIONS, OTHER BUSINESS SERVICES.	107 750	724 638	1 904	639	102 224	22 131	2 030	1 159	117	115	1 404	370	71	24
SALES REPRESENTATIVES, COMMODITIES EXCEPT RETAIL. SALES ENGINEERS	66 677	41 532	1 390	1 230	62 022	44 062	1 637	1 675	125	143	870	387	33	29
SALES REPS., MINING, MANUFACTURING, & WHOLESALE SALES WORKERS, RETAIL AND PERSONAL SERVICES	233 982	139 566	6 603	5 307	217 893	124 896	6 621	6 213	513	468	2 169	2 516	103	104
SALES WORKERS, MOTOR VEHICLES AND BOATS	1 112 852	188 394	29 719	7 975	1 048 465	168 448	23 869	8 492	2 100	460	8 095	2 648	604	175
SALES WORKERS, APPAREL	42 644	1 423	470	74	41 407	1 279	335	52	23	7	399	11	12	-
SALES WORKERS, SHOES	1 070 206	186 971	29 249	7 901	1 007 058	167 165	23 534	8 440	2 071	453	7 696	2 431	592	175
SALES WORKERS, FURNITURE AND HOME FURNISHINGS SALES WORKERS, RADIO, TV, HI-FI, AND APPLIANCES	1 806 647	3 492 620	96 391	179 764	1 574 216	3 167 034	101 838	273 707	5 573	14 461	26 714	59 646	1 855	3 013
SALES WORKERS, HARDWARE AND BUILDING SUPPLIES SALES WORKERS, PARIS	260 889	222 219	10 574	847	239 195	20 280	8 694	807	751	100	1 505	165	170	24
SALES WORKERS, OTHER COMMODITIES.	80 796	361 976	5 307	17 759	61 049	316 662	6 667	21 442	214	956	1 305	4 892	54	255
SALES COUNTER CLERKS	50 334	65 611	4 461	3 158	39 703	57 723	5 280	3 919	132	190	661	589	94	32
CASHIERS	86 818	63 224	3 725	2 190	79 602	58 887	2 762	1 500	201	163	442	446	86	38
STREET AND DOOR-TO-DOOR SALES WORKERS NEWS VENDORS.	82 233	33 093	3 074	1 470	74 619	29 408	3 630	1 623	182	71	784	296	44	25
SALES RELATED OCCUPATIONS	145 769	48 495	5 625	1 802	134 769	45 574	3 888	884	365	148	1 095	454	71	33
DEMONSTRATORS, PROMOTERS AND MODELS, SALES. AUCTIONEERS	181 487	16 887	7 812	520	167 683	15 206	3 957	626	629	108	1 282	219	124	6
SALES SUPPORT OCCUPATIONS, N.E.C.	463 456	1 234 929	24 117	53 511	401 271	1 086 931	27 845	70 925	1 251	4 004	8 442	18 654	530	904
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	25 398	70 507	1 305	2 857	21 980	59 880	1 607	6 354	84	260	396	1 087	26	25
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS SUPERVISORS, GENERAL OFFICE	310 338	1 565 502	25 686	89 364	242 249	1 284 746	31 062	156 141	1 279	7 544	9 517	26 229	545	1 478
SUPERVISORS, COMPUTER EQUIPMENT OPERATORS SUPERVISORS, FINANCIAL RECORDS PROCESSING CHIEF COMMUNICATIONS OPERATORS	47 848	174 861	2 165	5 400	42 269	159 272	2 663	7 715	210	744	987	1 370	54	160
SUPERVISORS, DISTRIBUTION, SCHEDULING, AND ADJUSTING CLERKS	71 284	35 516	2 540	1 046	63 827	32 265	3 927	1 756	275	173	688	245	57	31
COMPUTER EQUIPMENT OPERATORS	12 610	15 267	367	390	11 688	13 948	422	645	47	78	81	191	5	15
PERIPHERAL EQUIPMENT OPERATORS	2 665	10 065	121	233	2 340	9 236	144	418	24	36	21	129	5	11
SECRETARIES, STENOGRAPHERS AND TYPISTS	5 932	1 010	105	-	5 715	910	73	49	16	32	23	19	-	-
STENOGRAPHERS	4 013	4 192	141	157	3 633	3 802	195	178	7	8	37	43	-	4
INFORMATION CLERKS	4 018 231	13 545 426	247 542	627 335	3 206 105	11 369 084	463 415	1 276 193	16 815	61 436	79 586	200 293	4 768	11 085
INTERVIEWERS	569 626	508 547	25 748	21 176	485 876	425 693	87 184	52 361	2 188	2 040	8 241	6 675	367	382
MOTEL CLERKS	282 671	362 658	14 773	15 934	235 048	301 365	26 922	38 738	1 378	1 551	6 320	4 130	222	380
TRANSPORTATION TICKET AND RESERVATION AGENTS. RECEPTIONISTS	30 028	12 599	947	559	26 494	10 500	1 849	1 245	34	34	847	250	7	-
INFORMATION CLERKS, N.E.C.	81 455	78 447	2 179	2 695	75 040	49 141	2 571	4 898	195	258	1 445	1 430	25	25
RECORDS PROCESSING OCCUPATIONS, EXCEPT FINANCIAL, CLASSIFIED-AD CLERKS	44 101	23 104	1 185	714	40 226	14 925	2 140	3 253	131	69	395	141	24	2
CORRESPONDENCE CLERKS	131 371	31 739	6 614	1 283	109 008	25 762	13 704	4 207	450	128	1 426	344	109	15
ORDER CLERKS	171 529	249 052	9 912	11 800	135 707	201 159	19 699	29 542	730	1 142	5 286	5 132	195	277
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING. LIBRARY CLERKS	161 936	233 611	9 344	11 052	126 308	188 669	18 393	27 674	679	1 100	5 017	4 850	195	266
FILE CLERKS	9 593	15 481	568	748	7 399	12 490	1 306	1 868	51	42	269	282	-	11
RECORDS CLERKS	80 845	4 744 055	5 355	195 229	63 476	4 127 605	9 164	344 827	544	21 227	2 161	53 656	145	3 511
RECORDS CLERKS, N.E.C.	49 249	3 949 973	2 579	149 187	40 911	3 518 394	4 316	224 859	287	16 103	1 096	38 499	60	2 731
RECORDS CLERKS, N.E.C.	7 996	79 633	326	2 960	7 169	47 095	379	7 596	6	300	95	1 610	21	72
RECORDS CLERKS, N.E.C.	23 600	716 449	2 450	43 082	15 396	561 916	4 467	112 372	251	4 824	970	13 547	64	708
RECORDS CLERKS, N.E.C.	139 851	814 477	9 044	44 486	110 796	681 277	15 268	72 648	984	4 403	3 588	10 715	171	750
RECORDS CLERKS, N.E.C.	33 654	115 249	2 174	5 756	25 647	93 871	4 039	12 731	541	1 295	434	1 517	119	74
RECORDS CLERKS, N.E.C.	21 113	45 269	1 112	1 718	17 890	39 676	1 374	2 707	100	280	666	864	31	24
RECORDS CLERKS, N.E.C.	43 617	59 332	2 953	3 552	34 974	47 088	4 076	6 620	130	205	1 416	1 775	59	92
RECORDS CLERKS, N.E.C.	22 870	525 290	1 895	30 137	16 940	444 847	3 174	41 552	111	2 493	705	5 775	45	486
RECORDS CLERKS, N.E.C.	18 597	69 342	910	3 321	15 345	55 795	1 805	9 038	93	330	427	784	17	74
RECORDS CLERKS, N.E.C.	231 056	706 589	16 274	43 250	179 035	620 138	29 098	105 628	932	3 440	5 371	13 291	346	842
RECORDS CLERKS, N.E.C.	3 125	11 226	91	410	9 882	27 727	182	727	4	64	84	143	-	-
RECORDS CLERKS, N.E.C.	3 701	16 043	178	592	3 112	12 898	294	2 358	4	53	107	133	6	9
RECORDS CLERKS, N.E.C.	106 311	219 604	8 613	12 208	83 626	178 097	12 163	25 962	480	673	1 354	2 553	153	211
RECORDS CLERKS, N.E.C.	9 794	67 845	452	3 629	7 352	54 226	1 520	8 217	79	321	176	1 308	15	54
RECORDS CLERKS, N.E.C.	27 535	119 224	1 540	4 509	21 230	98 806	3 202	12 807	148	884	1 351	2 735	56	182
RECORDS CLERKS, N.E.C.	60 379	240 403	3 903	16 295	48 052	175 279	9 530	43 265	221	1 361	1 566	4 423	87	348
RECORDS CLERKS, N.E.C.	20 211	11, 42	1 297	5 607	15 884	91 340	2 207	12 292	74	542	713	1 906	29	55

¹ PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980-Con.

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANINGS OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		SPANISH ORIGIN		NOT OF SPANISH ORIGIN									
					WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER- CON.														
TECH., SALES & ADMIN. SUPPORT, OCCUPATIONS...CON.														
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL...CON.														
FINANCIAL RECORDS PROCESSING OCCUPATIONS...	272 107	2 067 091	15 662	70 668	226 872	1 854 653	19 262	100 982	1 150	7 209	9 353	32 271	408	1 108
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS...	194 610	1 700 841	11 270	54 536	161 255	1 544 183	12 945	69 267	767	5 465	7 370	25 971	317	1 021
RECORDING AND TIMEKEEPING CLERKS...	28 067	137 182	1 368	5 527	21 470	118 386	2 378	13 140	148	626	668	1 969	39	130
BILLING CLERKS...	14 892	120 185	944	5 336	11 844	101 427	1 540	9 205	68	314	866	1 806	20	77
COST AND RATE CLERKS...	27 725	61 273	1 336	2 621	24 874	51 434	1 350	5 665	115	208	394	1 305	36	40
BILLING, POSTING, & CALCULATING MACH. OPERATORS...	7 003	97 008	2 548	2 621	4 731	17 221	1 049	5 705	32	174	455	1 220	-	40
DUPLICATING, MAIL, & OTHER OFFICE MACHINE OPERATORS...	21 424	40 780	1 598	2 287	15 168	30 760	3 743	6 751	73	242	726	750	116	60
DUPLICATING MACHINE OPERATORS...	7 758	12 022	629	581	5 424	9 065	1 383	2 076	18	44	265	773	39	23
MAIL PREPARING & PAPER HANDLING MACH. OPERATORS...	2 809	4 690	185	266	2 057	3 757	477	577	13	44	70	46	7	-
OFFICE MACHINE OPERATORS, N.E.C...	10 857	24 078	784	1 480	7 687	17 878	1 483	4 098	42	154	391	431	70	37
COMMUNICATIONS EQUIPMENT OPERATORS...	34 115	289 000	2 464	13 271	26 131	210 992	4 776	41 024	277	726	498	2 495	69	262
TELEPHONE OPERATORS...	27 553	278 807	2 222	12 893	20 486	221 514	4 020	40 054	151	1 681	428	2 346	46	277
TELEGRAPHERS...	5 083	2 906	104	4 294	4 294	2 315	535	411	16	8	53	59	23	9
COMMUNICATIONS EQUIPMENT OPERATORS, N.E.C...	1 479	8 087	80	274	1 151	7 163	221	559	10	37	17	48	-	6
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS...	562 281	240 061	12 821	9 718	424 188	171 409	93 178	54 060	1 718	1 154	9 836	3 543	581	177
POSTAL CLERKS, EXC. MAIL CARRIERS...	175 047	98 105	9 649	3 195	125 367	60 050	35 375	32 586	509	520	4 013	1 632	174	72
MAIL CARRIERS, POSTAL SERVICE...	226 463	14 111	10 373	967	186 459	20 848	26 111	3 881	661	167	2 485	236	174	18
MAIL CLERKS, EXC. POSTAL SERVICE...	94 076	85 124	7 355	4 945	64 983	64 548	19 169	14 387	193	353	2 019	1 310	157	81
MESSENGERS...	66 695	22 721	5 493	1 117	47 339	17 963	12 523	3 206	155	114	1 099	315	136	6
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C...	1 154 450	607 226	81 670	33 300	913 829	492 137	137 307	69 476	6 651	3 073	15 871	8 369	1 159	471
DISPATCHERS...	67 779	31 213	2 432	1 231	60 588	26 202	3 905	3 170	213	257	578	345	66	8
PRODUCTION COORDINATORS...	147 496	117 841	6 829	5 868	127 189	97 755	10 709	11 958	559	530	2 120	1 645	90	65
TRAFFIC, SHIPPING, AND RECEIVING CLERKS...	392 187	121 013	37 128	7 954	293 476	97 614	54 953	13 298	1 450	8618	4 967	1 464	413	69
STOCK AND INVENTORY CLERKS...	398 002	211 880	25 943	10 901	312 483	171 143	50 691	25 193	1 715	1 117	6 687	3 346	483	180
METER READERS...	30 175	4 959	2 562	199	29 331	3 954	5 796	644	210	30	270	21	6	5
WEIGHERS, MEASURERS, AND CHECKERS...	46 581	29 476	3 429	2 081	38 661	22 642	5 864	4 291	279	211	313	232	35	19
SAMPLERS...	4 472	1 196	52	48	1 264	1 086	128	106	-	-	28	6	-	-
EXPEDITORS...	30 597	59 744	2 650	2 625	42 971	40 370	4 107	6 734	155	212	654	734	60	69
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C...	9 970	10 404	605	2 393	7 869	22 621	1 154	4 482	80	96	256	576	6	16
ADJUSTERS AND INVESTIGATORS...	199 792	331 705	8 173	16 498	173 927	263 630	13 916	41 772	697	1 462	2 864	6 071	215	292
INSURANCE ADJUSTERS, EXAMINERS, & INVESTIGATORS...	664 505	100 553	1 619	3 698	60 481	80 643	3 242	13 572	163	263	900	2 207	80	140
INVESTIGATORS AND ADJUSTERS, EXCEPT INSURANCE...	94 059	157 138	1 666	7 693	81 658	125 891	6 856	20 263	410	648	1 189	2 742	80	84
ELIGIBILITY CLERKS, SOCIAL WELFARE...	4 511	20 207	687	1 989	2 961	13 541	555	3 983	29	106	249	536	30	12
BILL AND ACCOUNT COLLECTORS...	34 717	53 807	2 101	3 188	28 827	43 733	3 263	5 914	95	146	326	584	25	50
MISCELLANEOUS ADMINISTRATIVE SUPPORT OCCUPATIONS...	580 946	2 884 033	18 862	168 658	451 540	2 269 691	70 610	354 722	2 961	14 138	15 769	57 105	976	2 723
GENERAL OFFICE CLERKS...	111 530	1 425 083	21 763	79 492	236 017	1 131 734	41 365	179 266	1 425	6 720	8 356	26 637	404	1 214
BANK TELLERS...	45 310	464 739	4 742	22 923	34 258	397 327	5 320	33 855	96	1 257	1 395	8 306	99	471
PROOFREADERS...	6 143	22 802	167	621	5 438	20 115	379	1 634	20	95	139	294	-	41
DATA-ENTRY KEYERS...	29 973	364 842	2 553	22 402	21 095	267 202	4 731	60 256	138	1 489	1 419	11 033	37	460
STATISTICAL CLERKS...	16 003	107 549	1 631	4 771	29 490	85 707	3 971	18 585	92	608	762	1 803	48	78
TEACHERS' AIDES...	16 163	199 546	1 923	22 826	9 963	138 177	3 132	37 906	323	2 435	765	2 053	37	107
ADMINISTRATIVE SUPPORT OCCUPATIONS, N.E.C...	135 824	260 072	6 683	12 617	113 250	229 429	11 920	31 220	867	1 537	2 953	4 977	151	292
SERVICE OCCUPATIONS...	5 585 380	8 020 694	473 370	486 505	4 057 301	5 849 082	879 718	1 481 677	30 679	59 900	128 115	134 609	8 177	8 921
PRIVATE HOUSEHOLD OCCUPATIONS...	29 494	4 597 451	2 753	56 232	15 451	286 296	9 698	243 030	216	3 256	1 101	7 613	75	1 045
LAUNDERS AND IRONERS...	580	1 753	24	154	368	1 004	46	531	-	9	110	55	-	-
COOKS, PRIVATE HOUSEHOLD...	1 596	10 231	107	699	680	4 214	537	5 091	6	65	260	143	-	19
HOUSEKEEPERS AND BUTLERS...	2 486	66 531	352	11 470	1 116	28 310	869	24 717	20	375	117	1 511	15	148
CHILD CARE WORKERS, PRIVATE HOUSEHOLD...	4 130	155 785	208	8 810	3 254	127 240	557	16 029	28	892	74	1 723	9	291
PRIVATE HOUSEHOLD CLEANERS AND SERVANTS...	20 737	363 151	2 062	35 078	10 233	125 528	7 689	195 662	162	1 915	540	4 181	51	587
PROTECTIVE SERVICE OCCUPATIONS...	1 359 969	181 932	59 984	7 944	1 122 137	137 062	156 731	33 723	9 183	1 605	10 865	1 420	1 069	178
SUPERVISOR, PROTECTIVE SERVICE OCCUPATIONS...	92 030	4 171	2 570	212	82 391	1 091	5 882	750	438	91	691	15	36	6
SUPERVISORS, FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS...	20 750	109	307	6	19 616	93	914	10	113	-	169	-	11	-
SUPERVISORS, POLICE AND DETECTIVES...	49 561	1 785	1 411	90	45 074	1 282	2 594	330	231	37	285	-	14	6
SUPERVISORS, GUARDS...	21 699	2 337	850	116	17 701	1 722	2 824	410	74	54	219	15	11	-

*PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980--Con.

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		SPANISH ORIGIN ¹		NOT OF SPANISH ORIGIN									
					WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.														
SERVICE OCCUPATIONS--CON.														
PROTECTIVE SERVICE OCCUPATIONS--CON.														
FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS	211 483	4 242	7 566	197	4188 117	2 594	12 885	319	1 457	114	1 371	11	87	8
FIRE INSPECTION AND FIRE PREVENTION OCCUPATIONS	20 489	2 187	658	89	18 542	1 926	947	99	269	26	70	5	3	-
FIREFIGHTING OCCUPATIONS	190 994	2 055	6 908	108	169 575	1 668	11 938	220	1 188	88	1 301	6	84	8
POLICE AND DETECTIVES	522 165	95 514	21 227	2 023	444 117	32 967	49 307	9 613	3 662	531	2 943	253	409	50
POLICE AND DETECTIVES, PUBLIC SERVICE SHERIFFS, BAILIFFS, AND OTHER LAW ENFORCEMENT OFFICERS	390 921	24 848	15 044	1 156	339 637	18 273	31 005	4 913	2 659	319	2 341	143	240	44
CORRECTIONAL INSTITUTION OFFICERS	54 714	7 901	2 490	336	47 275	6 205	4 256	1 280	378	39	260	35	55	6
GUARDS	76 530	12 765	3 693	531	57 205	8 489	19 546	3 497	630	173	342	75	119	-
CROSSING GUARDS	534 311	128 004	28 621	5 512	407 512	97 404	68 157	22 964	3 626	869	5 858	1 141	537	114
GUARDS AND POLICE, EXC. PUBLIC SERVICE	12 805	33 777	346	1 279	10 881	26 925	1 457	5 357	28	142	93	64	10	-
PROTECTIVE SERVICE OCCUPATIONS, N.E.C.	949 152	77 842	27 255	3 741	377 863	55 429	84 626	16 994	3 412	665	5 480	1 022	526	81
	22 354	16 385	1 030	492	18 768	15 050	2 074	703	186	62	285	55	11	23
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD.														
FOOD PREPARATION AND SERVICE OCCUPATIONS	4 185 917	7 241 311	410 633	422 350	2 919 513	5 425 724	713 309	1 204 924	29 280	55 039	116 149	125 576	7 035	4 698
SUPERVISORS, FOOD PREP. & SERVICE OCCUPATIONS	1 644 891	3 185 213	180 034	187 421	1 174 651	2 614 384	260 535	337 571	8 598	21 772	77 564	80 943	3 509	3 082
BARTENDERS	705 501	142 280	9 177	5 770	75 668	120 271	12 604	12 480	249	647	7 484	2 970	299	192
WAITERS AND WAITRESSES	177 285	141 142	9 626	3 778	154 605	130 834	6 343	3 316	783	1 409	3 647	1 745	279	66
COOKS, EXCEPT SHORT ORDER	182 165	1 325 928	22 937	49 225	125 048	1 182 121	17 530	60 152	572	7 257	13 524	25 960	554	1 235
SHORT-ORDER COOKS	578 520	771 878	62 899	40 361	395 493	559 396	81 863	151 862	3 460	7 288	33 394	12 224	1 211	747
FOOD COUNTER, FOUNTAIN AND RELATED OCCUPATIONS	49 916	30 826	3 194	1 046	39 107	23 899	6 507	5 290	248	191	793	339	67	39
KITCHEN WORKERS, FOOD PREPARATION	40 098	171 667	3 502	9 881	30 839	193 358	4 368	14 057	177	896	1 105	3 537	87	138
WAITERS/WAITRESSES, ASSISTANTS	23 215	85 394	3 269	4 500	15 728	60 845	3 422	16 043	42	447	710	1 484	44	75
MISCELLANEOUS FOOD PREPARATION OCCUPATIONS	171 282	121 927	24 703	7 896	121 282	93 601	18 138	17 251	766	475	5 998	2 507	395	197
	319 111	395 971	40 727	24 964	216 881	300 059	47 740	57 140	2 261	3 162	10 909	10 197	573	449
HEALTH SERVICE OCCUPATIONS	217 030	1 611 254	15 063	82 385	135 525	1 120 696	54 809	371 357	1 769	12 651	4 516	22 443	328	1 740
DENTAL ASSISTANTS	3 294	154 823	192	8 199	2 471	137 275	422	6 213	14	818	195	2 241	47	703
HEALTH AIDES EXCEPT NURSING	45 375	246 674	3 723	13 759	29 882	185 389	9 920	42 382	417	1 501	1 386	3 495	47	277
NURSING AIDES, ORDERLIES, AND ATTENDANTS	168 361	1 209 757	11 148	60 432	103 172	798 034	49 467	322 742	1 356	10 332	2 935	16 757	281	1 460
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD	1 930 692	1 049 412	181 242	99 597	1 308 786	597 717	397 193	319 993	15 678	9 616	25 350	21 046	2 493	1 443
SUPERVISORS, CLEANING AND BLDG. SERVICE WORKERS	83 593	35 226	6 996	2 648	62 256	20 394	13 883	9 289	449	199	780	685	79	12
MATOS AND HOUSEMEN	165 281	510 277	23 123	53 927	84 946	267 929	50 333	169 797	1 024	4 948	3 554	12 856	301	820
JANITORS AND CLEANERS	1 631 534	498 623	146 389	42 567	1 123 121	305 257	325 796	138 341	13 896	4 416	20 334	7 440	7 035	602
ELEVATOR OPERATORS	16 869	5 113	3 107	329	9 824	2 418	3 655	2 317	87	27	195	22	41	-
PEST CONTROL OCCUPATIONS	35 415	2 173	2 567	120	28 639	1 719	3 476	249	209	27	487	43	37	9
PERSONAL SERVICE OCCUPATIONS	405 304	1 395 432	34 294	92 947	300 551	1 092 925	55 822	176 023	3 215	11 000	8 719	21 104	703	1 433
SUPERVISORS, PERSONAL SERVICE OCCUPATIONS	16 293	12 707	754	506	13 858	11 029	1 270	948	45	42	339	160	27	22
BARBERS	90 939	16 921	7 686	821	72 342	11 419	9 644	1 621	401	136	768	518	76	6
HAIRDRESSERS AND COSMETOLOGISTS	68 489	490 785	6 410	29 498	56 329	418 362	4 305	33 212	395	2 075	918	7 299	114	389
ATTENDANTS, AMUSEMENT AND RECREATION FACILITIES	44 764	40 155	3 728	2 003	52 744	32 156	4 328	4 103	505	410	1 354	1 412	109	71
GUIDES	11 998	16 013	808	635	8 646	12 595	1 328	1 726	116	69	1 089	956	11	36
USHERS	16 318	7 714	1 098	340	13 420	6 248	1 412	911	42	41	332	171	14	5
PUBLIC TRANSPORTATION ATTENDANTS	15 280	54 641	1 631	2 114	9 545	46 348	3 278	4 608	90	144	700	1 338	36	89
BAGGAGE PORTERS AND BELLMOPS	19 980	1 510	2 146	534	10 174	915	6 721	389	84	17	815	55	40	-
WELFARE SERVICE AIDES	7 075	55 730	904	5 139	3 867	29 047	1 751	18 004	306	476	218	630	29	54
CHILD CARE WORKERS, EXCEPT PRIVATE HOUSEHOLD	41 872	570 794	4 232	43 075	26 142	428 453	9 633	66 276	865	6 475	889	5 951	111	564
PERSONAL SERVICE OCCUPATIONS, N.E.C.	50 312	132 860	4 897	6 557	33 484	96 353	10 132	24 291	368	915	1 297	2 612	134	197
FARMING, FORESTRY, AND FISHING OCCUPATIONS.														
FARM OPERATORS AND MANAGERS	1 184 637	130 136	17 005	1 968	1 133 795	122 898	23 702	3 435	3 188	566	6 621	1 301	326	18
FARMERS, EXCEPT HORTICULTURAL	1 032 759	111 244	10 339	1 254	1 000 652	107 770	14 326	1 580	2 673	467	4 521	899	248	18
HORTICULTURAL SPECIALTY FARMERS	11 589	2 256	474	66	10 188	2 035	624	46	42	7	261	102	-	-
MANAGERS, FARMS, EXCEPT HORTICULTURAL	127 216	13 363	5 998	595	112 934	10 925	7 239	1 573	388	78	1 479	232	78	-
MANAGERS, HORTICULTURAL SPECIALTY FARMS	15 073	2 973	1 094	93	10 021	2 112	1 513	256	85	14	360	118	-	-
FARM OPERATIONS, EXCEPT MANAGERIAL	758 060	217 897	163 706	42 231	498 591	148 060	77 748	20 901	6 883	1 393	10 441	4 559	891	213
SUPERVISORS, FARM WORKERS	44 769	9 021	8 747	628	31 441	6 593	2 634	1 308	368	78	1 119	203	40	-
FARM WORKERS	694 686	192 432	150 025	39 659	454 362	129 105	74 210	18 611	6 436	1 217	8 795	3 605	836	196
MARINE LIFE CULTIVATION WORKERS	613	720	70	108	502	336	32	108	2	12	33	194	-	-
NURSERY WORKERS	18 512	15 724	4 692	1 639	11 886	12 564	872	874	53	86	404	553	15	8

¹ PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980--Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		SPANISH ORIGIN ¹		NOT OF SPANISH ORIGIN											
					WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.			
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.																
FARMING, FORESTRY, AND FISHING OCCUPATIONS--CON.																
RELATED AGRICULTURAL OCCUPATIONS	436 316	90 765	56 981	9 630	309 425	72 624	33 225	6 064	4 020	648	12 130	1 627	535	178		
SUPERVISORS, RELATED AGRICULTURAL OCCUPATIONS	19 335	1 617	1 315	152	16 799	1 230	911	208	189	6	155	8	6	5		
GROUNDKEEPERS AND GARDENERS, EXCEPT FARM	362 258	30 357	51 670	2 630	266 459	22 665	48 459	3 841	3 607	373	11 600	798	463	50		
ANIMAL CARETAKERS, EXCEPT FARM	29 300	42 172	2 263	861	23 278	39 898	3 326	885	160	184	207	327	66	54		
GRADERS AND SORTERS, AGRICULTURAL PRODUCTS	4 476	16 423	1 674	5 979	2 136	8 666	436	1 147	95	85	135	487		59		
INSPECTORS, AGRICULTURAL PRODUCTS	947	166	59	8	753	157	93	20	9		33	7				
FORESTRY AND LOGGING OCCUPATIONS	142 054	8 381	3 454	284	115 508	6 538	19 575	1 180	3 110	301	275	68	132	8		
SUPERVISORS, FORESTRY AND LOGGING WORKERS	8 385	277	137	6	7 566	252	469	8	171	4	22	20				
FORESTRY WORKERS, EXCEPT LOGGING	22 837	5 216	1 461	226	18 447	4 086	2 111	646	684	206	94	52	40			
TIMBER CUTTING AND LOGGING OCCUPATIONS	110 832	2 888	1 856	54	89 495	2 193	16 495	526	2 253	71	159	16	72	8		
FISHERIES, HUNTERS, AND TRAPPERS	59 946	4 072	2 602	162	51 329	3 278	3 210	385	1 830	165	890	82	77			
CAPTAINS AND OTHER OFFICERS, FISHING VESSELS	6 875	259	367	5	6 095	216	194	23	131	2	48	12				
FISHERIES	51 137	3 563	2 195	139	43 458	2 864	2 976	340	1 439	151	802	69	71			
HUNTERS AND TRAPPERS	1 934	250	40	18	1 780	198	40	22	68	12			6			
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	12 498 566	1 055 961	734 432	93 144	10 768 387	806 315	798 247	119 502	74 841	7 487	112 956	26 293	9 499	1 220		
MECHANICS AND REPAIRERS	3 847 955	1 354 560	210 553	8 247	3 336 009	105 865	239 352	17 640	19 616	822	59 499	1 870	2 926	118		
SUPERVISORS, MECHANICS AND REPAIRERS	157 181	4 749	5 423	190	144 792	4 044	5 043	388	649	27	1 201	95	73			
MECHANICS AND REPAIRERS, EXCEPT SUPERVISORS	3 690 774	1 291 811	205 130	8 048	3 191 217	101 819	234 309	17 256	18 967	795	58 298	1 775	2 853	118		
VEHICLE AND MOBILE EQUIPMENT MECHS. & REPAIRERS	1 658 236	21 793	104 835	1 508	1 417 093	16 778	106 550	3 008	9 458	166	18 914	315	1 386	18		
AUTOMOBILE MECHANICS, EXC. APPRENTICES	948 350	12 025	61 126	869	804 190	9 206	65 414	1 693	5 186	69	11 585	177	857	11		
AUTOMOBILE MECHANIC APPRENTICES	4 031	99	262		3 235	93	407	6	39		70					
BUS, TRUCK, AND STATIONARY ENGINE MECHANICS	152 862	1 120	7 748	40	132 134	948	10 774	112	888	11	1 185	11	133			
AIRCRAFT ENGINE MECHANICS	94 915	2 407	6 620	226	79 773	1 660	5 634	452	677	31	2 092	38	111			
SHALL ENGINE REPAIRERS	35 713	631	1 111	25	32 675	560	1 122	41	211		377	5	17			
AUTOMOBILE BODY AND RELATED REPAIRERS	205 450	2 372	17 141	176	172 590	1 828	12 471	288	1 034	15	2 068	65	186			
AIRCRAFT MECHANICS, EXC. ENGINE	14 209	1 333	1 008	54	11 994	1 036	877	186	74	35	233	13	23	7		
HEAVY EQUIPMENT MECHANICS	157 266	1 322	7 495	59	138 995	1 053	8 610	204	1 091		1 042	6	83			
FARM EQUIPMENT MECHANICS	45 432	476	2 346	59	41 308	392	1 241	20	258	5	262		16			
INDUSTRIAL MACHINERY REPAIRERS	472 288	14 895	21 267	776	416 235	11 879	31 080	2 052	2 248	104	3 067	47	341	17		
MACHINERY MAINTENANCE OCCUPATIONS	45 307	1 805	2 324	124	37 461	1 441	4 754	207	324	10	327	18	37	5		
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	574 461	50 669	27 172	3 119	525 940	39 823	33 130	6 619	2 347	260	7 472	810	400	38		
ELECTRONIC REPAIRERS, COMMUNICATIONS, AND INDUSTRIAL EQUIPMENT	155 944	8 377	8 170	558	136 691	6 615	8 422	974	771	47	2 752	168	138	15		
DATA PROCESSING EQUIPMENT REPAIRERS	43 329	3 932	1 550	227	38 477	3 214	2 397	394	123	27	740	97	182	7		
HOUSEHOLD APPLIANCE AND POWER TOOL REPAIRERS	80 291	2 483	1 773	173	71 795	2 033	3 413	234	275	16	930	27	47	6		
TELEPHONE LINE INSTALLERS AND REPAIRERS	59 363	3 243	2 881	164	52 890	2 682	3 473	351	283	22	368	24	49			
TELEPHONE INSTALLERS AND REPAIRERS	726 960	29 619	9 658	1 793	200 468	8 895	13 666	4 373	778	162	2 269	369	121	17		
MISCELLANEOUS ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	29 574	3 015	1 652	204	25 610	2 394	1 759	293	107	19	413	105	33			
HEATING, AIR CONDITIONING, & REFRIG. MECHS.	150 170	1 523	8 098	114	132 939	1 123	7 131	257	625	26	1 315	5	62			
MISCELLANEOUS MECHANICS AND REPAIRERS	768 312	39 124	41 434	2 407	643 549	30 775	51 668	5 113	3 845	229	7 193	560	627	40		
CAMERA, WATCH, & MUSICAL INSTR. REPAIRERS	35 745	4 821	2 047	325	31 536	3 639	1 273	655	66	31	779	171	44			
LOCKSMITHS AND SAFE REPAIRERS	17 981	1 346	437	91	15 892	1 163	869	105	41		247	27	35			
OFFICE MACHINE REPAIRERS	36 950	2 046	2 061	100	31 827	1 696	2 179	182	231	21	635	41	17	6		
MECHANICAL CONTROLS AND VALVE REPAIRERS	27 240	1 062	1 744	65	22 678	858	2 500	149	143	3	142	7	15			
ELEVATOR INSTALLERS AND REPAIRERS	20 377	395	879	10	18 293	261	911	120	54		240					
MILLWRIGHTS	129 660	4 416	3 589	395	118 950	3 264	6 137	657	624	24	337	69	23	7		
UNSPECIFIED MECHANICS AND REPAIRERS, N.E.C.	293 591	16 108	5 598	927	253 068	12 780	20 478	2 155	1 598	98	2 771	133	282	15		
NOT SPECIFIED MECHANICS AND REPAIRERS	206 768	8 910	144 609	530	171 309	7 114	17 377	1 086	1 218	52	2 042	112	213	12		

¹ PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

BEST COPY AVAILABLE



Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980-Con.

(DATA BASED ON SAMPLES. SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		SPANISH ORIGIN ¹		NOT OF SPANISH ORIGIN									
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
					MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.														
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS--CON.														
CONSTRUCTION TRADES	4 712 023	102 094	277 310	6 015	4 057 017	81 275	306 625	12 272	36 155	1 302	31 291	1 119	3 625	111 7
SUPERVISORS, CONSTRUCTION OCCUPATIONS	777 628	13 204	31 315	580	706 819	11 212	30 369	1 173	4 137	103	4 543	129	445	
SUPERVISORS, BRICKMASON, STONEMASON, AND TILE SETTERS	5 005	43	281		4 916	83	259		22		27			
SUPERVISORS, CARPENTERS AND RELATED WORKERS	35 553	252	1 328	81	32 999	187	770	24	159		276		112	
SUPERVISORS, ELECTRICIANS AND POWER TRANSMISSION INSTALLERS	36 547	450	1 009	13	34 463	406	648	432	121		298	8	8	
SUPERVISORS, PAINTERS, PAPERHANGERS, AND PLASTERERS	10 655	161	762		9 304	131	403	30	78		102		6	
SUPERVISORS, PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	17 391	94	612		16 283	94	302		65		122		7	
SUPERVISORS, N.E.C.	672 477	12 195	27 323	526	609 354	10 351	27 978	1 087	3 692	103	3 718	121	412	7
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	3 934 395	88 890	245 995	5 435	3 350 198	70 063	278 256	11 999	32 018	1 199	26 748	990	3 180	104
BRICKMASON & STONEMASON, EXCEPT APPRENTICES	202 971	2 274	12 123	444	158 184	1 602	29 719	478	1 434	29	1 357	10	154	11
BRICKMASON AND STONEMASON APPRENTICES	1 135	142	155	8	2 506	111	446	16	7		11	7	10	
TILE SETTERS, HARD AND SOFT	31 897	681	3 067	37	26 178	527	2 196	77	139		259		58	
CARPET INSTALLERS	86 334	1 493	7 117	86	73 673	1 240	4 514	120	528	6	437	41	65	
CARPENTERS, EXCEPT APPRENTICES	1 275 666	20 225	71 587	1 206	1 119 773	15 961	62 958	2 491	11 780	297	8 548	244	1 020	26
CARPENTER APPRENTICES	9 281	696	620	35	7 756	552	668	85	128	9	81	12	28	3
DRYWALL INSTALLERS	95 170	2 130	8 323	106	61 351	1 747	3 778	194	1 110	13	516	15	92	13
ELECTRICIANS, EXCEPT APPRENTICES	594 781	12 171	22 334	762	538 953	9 136	28 019	1 680	3 274	171	5 224	207	377	15
ELECTRICIAN APPRENTICES	17 833	1 028	925	29	15 606	359	997	110	177		91	21	37	9
ELECTRICAL POWER INSTALLERS AND REPAIRERS	103 062	1 801	3 138	84	92 235	1 301	4 463	279	640	26	355	14	35	7
PAINTERS, CONSTRUCTION AND MAINTENANCE	398 078	24 391	38 042	1 727	314 020	19 447	38 085	2 639	2 929	341	3 668	225	975	12
PAPERHANGERS	14 106	129	482	68	12 756	2 966	546	36	53	20	75	19	14	
PLASTERERS	28 360	580	4 082	32	19 363	351	4 485	140	250	8	203	9	17	
PLUMBERS, PIPEFITTERS, & STEAMFITTERS, EXCEPT APPRENTICES	483 423	6 221	25 242	423	420 332	4 735	31 742	931	3 104	81	2 578	51	325	
PLUMBER, PIPEFITTER, & STEAMFITTER APPRENTICES	12 008	360	435	6	10 790	330	558	17	107	7	110			
CONCRETE AND TERRAZZO FINISHERS	74 496	856	10 407	67	45 792	1 10	16 944	307	758	17	341	5	56	
GLAZIERS	32 024	1 516	2 112	103	28 201	1 249	1 192	158	169	6	311		39	
INSULATION WORKERS	54 676	2 386	3 756	122	46 323	1 852	3 881	369	387	30	292	13	39	
PAVING, SURFACING, AND TAMPING EQUIPMENT OPERATORS	7 325	235	739	11	5 231	205	1 242	19	78		20		15	
ROOFERS	126 025	1 383	10 908	58	98 860	976	13 866	282	1 497	89	682	18	126	
SHEETMETAL DUCT INSTALLERS	26 602	420	1 417	13	26 070	367	740	28	122	6	247		6	
STRUCTURAL METAL WORKERS	88 164	1 067	4 129	45	77 814	796	4 422	171	1 277	25	481	30	41	
DRILLERS, EARTH CONSTRUCTION TRADES, N.E.C.	23 503	507	921	33	21 116	420	1 199	54	202		65			
	193 478	3 278	11 872	210	111 315	2 543	17 576	418	1 868	58	696	49	151	
EXTRACTIVE OCCUPATIONS	306 405	7 182	18 174	278	272 546	5 860	11 696	613	3 289	169	497	23	203	19
SUPERVISORS, EXTRACTIVE OCCUPATIONS	80 870	1 755	2 970	51	75 847	1 581	1 364	86	350	11	119	14	20	32
DRILLERS, OIL WELL	73 328	936	5 595	33	64 030	797	2 515	95	972	11	151		65	
EXPLOSIVES WORKERS	10 661	341	821	6	8 707	269	962	55	122	16	43		6	
MINING MACHINE OPERATORS	90 463	2 751	5 267	97	80 085	2 207	3 830	342	1 136	96	110	9	35	
MINING OCCUPATIONS, N.E.C.	51 083	1 399	3 521	91	43 877	1 031	3 025	235	509	35	74		77	7
PRECISION PRODUCTION OCCUPATIONS	3 632 183	812 125	228 395	70 604	3 102 817	613 297	248 574	88 777	15 781	5 194	41 671	25 281	2 445	972
SUPERVISORS, PRODUCTION OCCUPATIONS	1 405 489	202 570	80 404	23 997	1 405 783	225 446	99 781	27 420	5 832	1 420	12 736	4 009	953	278
PRECISION METAL WORKING OCCUPATIONS	973 998	66 020	54 213	6 139	849 101	48 780	54 480	8 999	4 991	720	10 330	1 256	883	140
TOOL AND DIE MAKERS, EXCEPT APPRENTICES	182 823	3 187	5 133	201	170 704	2 549	5 626	379	353	36	690	22	117	
TOOL AND DIE MAKER APPRENTICES	7 563	317	235		6 953	257	319	60			45		5	
PRECISION ASSEMBLERS, METAL	17 724	5 937	1 734	739	13 825	4 074	1 767	981	121	44	250	49	27	10
MACHINISTS, EXCEPT APPRENTICES	500 294	25 660	29 916	2 597	428 191	17 784	32 942	4 855	2 319	171	6 368	419	558	24
MACHINIST APPRENTICES	7 775	441	325	12	6 892	393	445	39	46		64			
BOILERMAKERS	36 622	587	1 566	44	32 265	385	2 156	158	397		224		10	
PRECISION GRINDERS, FITTERS, & TOOL SHARPENERS	18 607	1 182	584	53	17 207	942	592	110	141	17	83	40		
PATTERNMAKERS AND MODEL MAKER, METAL	18 409	2 010	506	241	17 130	1 533	607	89	71	5	80	133	15	9
LAY-OUT WORKERS	20 522	2 381	933	140	16 405	1 820	2 696	382	102	11	360	19	24	
PRECIOUS STONES AND METALS WORKERS (JEWELERS)	25 603	12 369	4 365	1 368	19 179	9 423	853	687	531	304	623	427	52	48
ENGRAVERS, METAL	9 503	5 844	632	412	8 280	4 979	361	403	18	8	207	30	5	12
SHEET METAL WORKERS, EXCEPT APPRENTICES	126 162	5 191	8 106	254	110 081	4 074	5 903	760	878	31	1 124	65	70	7
SHEET METAL WORKER APPRENTICES	604	133	87	11	510	189	38	32			5			
MISCELLANEOUS PRECISION METAL WORKERS	1 787	607	129	42	1 479	489	160	64			7	12		

¹PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980-Con.

(DATA BASED ON SAMPLE. SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		SPANISH ORIGIN ¹		NOT OF SPANISH ORIGIN									
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
					MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER--CON.														
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS--CON.														
PRECISION PRODUCTION OCCUPATIONS--CON.														
PRECISION WOODWORKING OCCUPATIONS	101 661	16 770	7 716	792	86 561	13 167	6 048	2 529	345	134	696	148	99	
PATTERNMAKERS AND MODEL MAKERS, WOOD	4 462	128	115	6	4 246	119	57	3	8		36			
CABINET MAKERS AND BENCH CARPENTERS	70 926	5 910	5 253	117	61 567	4 831	3 194	564	249	67	565	41	78	
FURNITURE AND WOOD FINISHERS	22 423	9 535	2 087	267	17 448	7 268	2 537	1 869	69	17	261	54	21	
MISCELLANEOUS PRECISION WOODWORKERS	3 650	1 197	261	102	3 300	949	256	93	19		14	53		
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	125 971	153 695	21 377	17 478	89 505	111 066	11 853	15 888	629	1 048	2 417	8 020	190	195
DRESSMAKERS	6 805	97 154	1 203	11 890	4 235	67 918	1 061	10 300	53	753	224	6 195	20	98
TAILORS	37 567	24 458	7 575	3 084	24 771	17 279	3 925	2 702	88	415	1 119	1 230	89	68
UPHOLSTERERS	54 455	14 440	9 130	791	39 998	12 246	4 397	1 263	354	78	516	99	60	13
SHOE REPAIRERS	21 903	9 691	3 067	812	16 077	8 082	2 192	638	91	45	460	103	16	11
APPAREL AND FABRIC PATTERNMAKERS	2 090	2 197	166	223	1 734	1 729	49	101			51	139		5
MISC. PRECISION APPAREL AND FABRIC WORKERS	3 241	5 755	231	748	2 686	3 812	229	884	43	57	47	254	5	
PRECISION WORKERS, ASSORTED MATERIALS	174 611	152 151	15 801	19 478	158 113	109 087	14 343	13 994	716	1 086	5 435	8 869	202	217
HAND HOLDERS AND SHAPERS, EXCEPT JEWELERS	31 679	5 484	3 249	453	23 139	4 154	4 958	703	164	59	162	69	12	6
PATTERNMAKERS, LAY-OUT WORKERS, AND CUTTERS	7 122	2 208	436	208	6 344	1 707	326	164	17	25	33	98	6	
OPTICAL GOODS WORKERS	27 841	19 011	1 790	1 347	28 309	16 346	1 115	840	101	89	538	376	8	13
GENIAL LAB. & MEDICAL APPLIANCE TECHNICIANS	33 065	15 780	2 818	944	26 519	13 150	1 801	964	110	107	1 726	557	32	18
BOOKBINDERS	13 148	17 654	1 013	1 493	10 786	13 993	1 096	1 883	20	77	211	201	38	17
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS	27 256	85 282	3 438	14 421	18 408	54 004	2 455	8 572	140	677	2 347	7 467	64	141
MISCELLANEOUS PRECISION WORKERS, N.E.C.	34 463	7 382	2 863	612	28 588	5 733	2 392	868	164	52	418	101	38	10
PRECISION FOOD PRODUCTION OCCUPATIONS	337 587	100 933	36 208	7 979	262 989	75 242	30 971	14 717	1 437	596	5 654	2 296	328	103
BUTCHERS AND MEAT CUTTERS	251 489	42 957	25 603	3 993	194 151	28 183	21 235	9 291	1 113	351	4 151	1 076	236	63
BAKERS	69 321	47 649	8 496	2 595	51 167	39 936	8 062	4 029	225	193	1 295	847	76	29
FOOD BATCHMAKERS	16 777	10 327	2 109	1 391	12 671	7 123	1 678	1 397	99	52	208	353	14	11
PRECISION INSPECTORS, TESTERS, & RELATED WORKERS	75 107	29 956	3 724	2 383	64 977	12 829	4 676	3 960	274	124	1 372	627	84	33
INSPECTORS, TESTERS, & GRADERS	74 030	27 359	3 688	2 088	64 010	21 149	4 617	3 366	274	109	1 364	598	75	33
ADJUSTERS AND CALIBRATORS	1 077	2 597	36	299	967	1 640	59	594		15	4	29	9	
PLANT AND SYSTEM OPERATORS	237 759	9 491	8 951	363	205 788	7 680	18 426	1 270	1 557	66	2 831	56	206	4
WATER AND SEWAGE TREATMENT PLANT OPERATORS	32 233	1 062	1 131	72	27 857	868	2 729	118	229		252	4	35	
POWER PLANT OPERATORS	26 393	1 357	594	50	23 795	1 097	1 581	198	205	7	205	5	10	
STATIONARY ENGINEERS	129 221	4 169	4 395	178	112 412	3 452	9 542	466	726	32	2 030	35	116	6
MISCELLANEOUS PLANT AND SYSTEM OPERATORS	49 912	2 853	2 831	63	41 721	2 263	4 574	888	397	27	344	12	45	
OPERATORS, FABRICATORS, AND LABORERS	14 591 489	5 486 486	1 185 717	545 013	11 095 034	3 918 251	1 981 625	867 203	95 770	33 917	130 689	116 026	13 254	6 074
MACHINE OPERATORS, ASSEMBLERS, & INSPECTORS	5 979 555	4 102 010	539 863	428 858	4 556 231	2 888 170	779 067	657 707	32 636	23 933	65 458	98 678	6 176	4 668
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	3 862 464	2 681 581	359 456	293 399	2 916 524	1 855 795	522 436	446 584	19 294	15 597	40 704	67 219	4 048	2 987
METALWORKING & PLASTIC WORKING MACH. OPERATORS	648 729	146 609	95 877	8 830	532 876	114 739	61 538	19 853	2 948	712	4 851	1 167	637	108
LATHE AND TURNING MACHINE SET-UP OPERATORS	52 354	3 578	2 776	165	45 562	2 991	3 459	387	196	14	292	21	67	
LATHE AND TURNING MACHINE OPERATORS	109 024	10 574	5 127	414	98 010	8 960	4 549	1 046	355	44	894	92	89	18
MILLING AND PLANING MACHINE OPERATORS	19 743	1 956	957	30	17 457	1 715	956	151	76	33	280	23	17	
PUNCHING AND STAMPING PRESS MACHINE OPERATORS	120 535	56 791	9 534	3 626	95 363	45 377	14 034	7 280	667	185	789	279	148	38
ROLLING MACHINE OPERATORS	17 502	2 219	970	87	14 280	1 812	2 155	274	59	19	33	27	5	
DRILLING AND BORING MACHINE OPERATORS	52 734	14 272	2 544	873	46 269	11 577	3 283	1 580	229	83	380	146	29	13
GRINDING, ABRAIDING, BUFFING, AND POLISHING MACHINE OPERATORS	230 924	48 923	21 842	3 469	177 693	37 294	27 927	7 319	1 207	99	2 014	503	241	39
FORGING MACHINE OPERATORS	14 788	1 103	867	48	12 179	833	1 571	212	59	8	105	2	7	
NUMERICAL CONTROL MACHINE OPERATORS	2 572	229	154	4	2 213	220	192	5						
MISCELLANEOUS METAL, PLASTIC, STONE, AND GLASS WORKING MACHINE OPERATORS	28 553	4 964	1 104	110	23 852	3 980	3 412	993	94	27	64	74	27	
FABRICATING MACHINE OPERATORS, N.E.C.	22 805	12 337	2 182	795	18 234	9 978	2 219	1 385	92	82	163	80	5	17
METAL AND PLASTIC PROCESSING MACHINE OPERATORS	178 174	64 504	16 832	3 582	135 622	50 993	23 157	9 032	892	348	1 938	501	233	48
HOLDING AND CASING MACHINE OPERATORS	103 617	54 660	8 535	2 733	81 033	43 415	12 786	7 794	472	273	706	403	85	42
METAL PLATING MACHINE OPERATORS	37 158	6 709	5 307	820	26 777	5 315	4 332	668	201	46	441	54	100	6
HEAT TREATING EQUIPMENT OPERATORS	23 521	1 402	1 363	78	18 873	1 086	3 905	235	83	16	129	7	28	
MISCELLANEOUS METAL AND PLASTIC PROCESSING MACHINE OPERATORS	13 878	1 733	1 627	151	8 939	1 197	2 994	335	136	13	162	37	20	

¹PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980-Con.

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT 1)

UNITED STATES	TOTAL		SPANISH ORIGIN ¹		NOT OF SPANISH ORIGIN									
					WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.														
OPERATORS, FABRICATORS, AND LABORERS--CON.														
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS--CON.														
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION- CON.														
WOODWORKING MACHINE OPERATORS	138 382	23 590	7 216	1 453	112 330	18 858	16 520	3 213	1 453	210	784	290	79	16
WOOD LATHE, ROUTING, & PLANING MACH. OPERATORS	7 337	841	363	26	6 300	701	585	108	53	-	36	4	-	-
SAWING MACHINE OPERATORS	95 918	12 453	4 807	718	77 371	9 774	12 086	1 602	1 117	136	469	154	94	9
SHAPING AND JOINING MACHINE OPERATORS	5 765	3 677	334	201	4 511	2 671	788	504	21	36	35	15	6	7
MATING AND TACKLING MACHINE OPERATORS	3 109	1 635	303	129	2 452	1 272	312	234	23	13	-	-	-	-
MISCELLANEOUS WOODWORKING MACHINE OPERATORS	26 317	4 984	1 409	317	21 696	3 480	2 149	705	239	38	211	24	13	-
PRINTING MACHINE OPERATORS	323 023	119 376	20 632	3 732	274 209	102 440	22 702	9 214	1 238	467	3 708	1 396	334	127
PRINTING MACHINE OPERATORS	249 019	50 482	17 422	3 178	207 894	40 685	19 511	5 718	953	227	2 955	616	264	58
PHOTODUPLICATORS AND LITHOGRAPHERS	20 958	5 050	853	153	19 104	4 895	712	312	67	19	210	92	12	-
TYPESETTERS AND COMPOSITORS	31 205	39 310	1 141	1 049	28 395	36 421	1 146	1 311	116	115	355	343	12	51
MISCELLANEOUS PRINTING MACHINE OPERATORS	21 841	1 525	1 160	1 332	18 616	20 651	1 513	1 873	102	104	188	345	26	18
TEXTILE, APPAREL, & FURNISHING MACH. OPERATORS	303 462	1 328 580	38 460	162 845	196 578	868 900	59 937	237 568	1 525	8 282	6 325	49 438	437	1 547
KNITTING AND TWISTING MACHINE OPERATORS	27 637	83 775	657	1 279	20 504	60 720	6 260	20 917	110	416	48	476	14	5
KNITTING, LOOPING, TAPING, AND WEAVING MACHINE OPERATORS	26 330	48 567	1 939	1 237	19 699	34 967	4 958	10 989	135	846	193	466	6	22
TEXTILE CUTTING MACHINE OPERATORS	4 854	4 416	684	507	3 275	2 947	808	834	42	29	43	99	12	-
TEXTILE SEWING MACHINE OPERATORS	53 624	660 840	14 659	129 471	27 917	558 783	8 618	123 097	268	4 807	2 001	43 536	161	1 158
SHOE MACHINE OPERATORS	19 915	50 530	2 345	3 065	16 281	48 895	1 157	3 883	78	260	35	391	19	27
PRESSING MACHINE OPERATORS	26 716	80 571	5 582	10 233	12 174	38 833	7 190	29 617	109	508	1 592	1 258	70	122
LAUNDERING AND DRY CLEANING MACHINE OPERATORS	65 380	121 657	6 993	13 030	42 958	74 163	13 054	30 486	346	1 043	1 945	2 782	92	153
MISCELLANEOUS TEXTILE MACHINE OPERATORS	78 988	72 216	5 801	4 023	54 370	49 592	17 892	17 753	436	364	432	428	63	64
MACHINE OPERATORS, ASSORTED MATERIALS	2 247 799	988 585	228 057	110 162	1 646 073	690 287	330 163	167 119	11 146	5 496	23 437	14 397	2 323	1 124
CEMENTING AND GLUING MACHINE OPERATORS	19 158	17 378	1 730	1 236	14 061	13 332	3 068	2 490	160	160	118	150	21	10
PACKAGING AND FILLING MACHINE OPERATORS	56 113	65 020	6 857	8 424	39 486	44 466	8 626	9 972	283	521	813	1 570	48	56
EXTRUDING AND FORMING MACHINE OPERATORS	21 559	3 537	1 328	213	18 209	2 780	1 781	457	104	56	125	31	12	-
MIXING AND BLENDING MACHINE OPERATORS	99 326	12 268	7 338	830	72 801	9 027	17 644	2 037	459	96	957	246	83	12
SEPARATING, FILTERING, AND CLARIFYING MACHINE OPERATORS	66 374	6 180	3 143	981	58 547	4 311	7 900	1 287	322	38	841	63	21	-
COMPRESSING & COMPACTING MACHINE OPERATORS	15 857	6 761	1 188	517	11 495	5 022	2 950	1 109	79	25	131	63	14	25
PAINTING AND PAINT SPRAYING MACH. OPERATORS	143 719	27 419	17 843	2 390	107 149	20 850	16 481	3 697	769	153	1 310	292	147	37
ROASTING & BAKING MACH. OPERATORS, FOOD	6 178	1 044	575	68	4 534	759	1 013	181	22	14	34	22	-	-
WASHING, CLEANING, & PICKLING MACHINE OPERATORS	6 992	2 293	564	246	5 200	1 498	1 113	481	45	17	70	51	-	-
FOLDING MACHINE OPERATORS	13 292	20 455	1 485	1 637	9 373	14 589	2 288	3 450	4	104	133	257	7	16
FURNACE, KILN, AND OVEN OPERATORS, EXCEPT FOOD	146 322	7 473	8 026	388	115 368	5 486	21 477	1 285	657	41	683	81	111	12
CRUSHING AND GRINDING MACHINE OPERATORS	40 112	4 466	3 082	257	35 821	2 792	7 708	1 004	312	28	282	85	6	14
SLICING AND CUTTING MACHINE OPERATORS	149 231	61 452	16 217	6 819	111 505	48 004	19 333	9 195	852	406	1 223	685	101	113
MOVIE PICTURE PROJECTIONISTS	13 119	1 326	505	97	11 630	1 126	693	71	66	4	172	28	53	-
PHOTOGRAPHIC PROCESS MACHINE OPERATORS	42 149	48 894	2 970	2 914	34 043	40 662	3 520	4 179	164	303	1 378	783	74	48
MISC. AND NOT SPECIFIED MACHINE OPERATOR OCCUPATIONS	1 400 276	702 602	154 306	83 390	1 001 431	479 403	220 552	125 804	6 816	3 470	15 567	9 790	1 624	495
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	467 095	231 591	43 114	21 112	352 830	167 609	63 522	37 944	2 344	1 219	4 760	3 508	525	199
MACHINE OPERATORS, NOT SPECIFIED	933 201	471 011	111 192	62 228	648 601	311 794	157 030	67 880	4 472	2 251	10 807	6 282	1 099	596
INDUSTRIAL														
MANUFACTURING	1 194 211	622 810	132 957	75 386	855 705	425 309	186 126	109 932	5 328	2 960	12 632	8 499	1 283	724
NONDURABLE GOODS	450 403	276 725	49 146	34 860	318 460	186 216	75 728	50 297	2 214	1 330	4 404	3 782	442	238
DURABLE GOODS	743 808	346 085	83 791	40 526	537 236	239 091	110 398	59 635	3 114	1 630	8 428	4 717	841	486
NONMANUFACTURING INDUSTRIES	206 085	79 792	21 369	7 954	148 726	54 094	34 426	15 872	1 488	510	2 735	1 291	341	71
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS														
WELDERS AND CUTTERS	744 585	46 445	62 697	3 583	592 325	43 941	75 313	8 528	6 629	333	6 928	419	493	24
SOLDERERS AND BRAIERS	7 469	26 957	1 746	3 494	4 997	19 114	541	2 920	18	179	157	676	10	74
ASSEMBLERS	858 542	841 158	84 373	83 267	629 111	600 831	128 490	129 980	4 045	4 744	11 578	21 237	945	1 093
HAND CUTTING AND TRIMMING OCCUPATIONS	11 028	6 956	1 393	928	7 968	4 336	1 364	1 155	83	41	196	490	24	6
HAND HOLDING, CASTING, AND FORMING OCCUPATIONS	12 127	6 198	1 264	591	9 340	4 953	1 324	527	81	40	112	61	6	14
HAND PAINTING, COATING, & DECORATING OCCUPATIONS	29 670	11 245	2 401	848	23 620	8 927	2 931	1 244	228	68	449	133	41	5
HAND ENGRAVING AND PRINTING OCCUPATIONS	1 463	639	320	150	1 278	516	102	65	2	11	33	33	-	-
HAND GRINDING AND POLISHING OCCUPATIONS	2 027	871	821	122	1 206	552	239	99	16	14	38	44	-	-
MISCELLANEOUS HAND WORKING OCCUPATIONS	12 697	12 640	1 235	1 364	9 019	9 336	1 375	1 454	75	153	82	232	11	21
PRODUCTION INSPECTION, TESTERS, SAMPLERS, AND MEASURERS	437 483	447 906	25 617	41 207	399 732	350 313	44 962	65 151	2 167	2 723	5 215	8 074	400	436
PRODUCTION INSPECTION, CHECKERS, AND EXAMINERS	304 489	375 129	17 224	25 255	291 141	249 756	34 560	52 240	1 480	2 039	3 752	5 502	332	332
PRODUCTION TESTERS	39 631	19 361	2 121	1 489	33 136	14 915	3 360	2 446	146	73	349	471	25	7
PRODUCTION SAMPLERS AND MEASURERS	5 598	4 613	549	752	4 249	2 568	653	542	34	25	43	106	-	-
GRADERS AND SORTERS, EXC. AGRICULTURAL	43 815	69 403	5 163	13 751	31 212	43 054	6 379	9 915	507	593	571	1 995	43	30

¹ PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

Table 1. Detailed Occupation of the Civilian Labor Force by Sex, Race, and Spanish Origin: 1980-Con.

(DATA BASED ON SAMPLE; SEE TEXT FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT)

UNITED STATES	TOTAL		SPANISH ORIGIN ¹		NOT OF SPANISH ORIGIN									
	MALE	FEMALE	MALE	FEMALE	WHITE		BLACK		AMERICAN INDIAN/ ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
					MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.														
OPERATORS, FABRICATORS, AND LABORERS--CON.														
TRANS. AND MATERIAL MOVING OCCUPATIONS.	4 443 158	375 164	267 307	17 313	3 352 942	304 050	565 781	48 442	29 854	3 098	26 074	2 092	3 700	167
MOTOR VEHICLE OPERATORS	2 080 161	209 364	178 114	10 513	2 363 513	247 535	399 497	37 248	17 996	2 533	18 658	1 411	2 181	122
SUPERVISORS, MOTOR VEHICLE OPERATORS.	30 566	2 083	1 084	67	26 893	1 647	2 289	111	133	7	158	51	7	-
TRUCK DRIVERS, HEAVY.	1 852 443	44 082	100 032	1 996	1 497 724	35 189	234 526	6 148	12 143	561	6 903	173	1 095	13
TRUCK DRIVERS, LIGHT	512 671	37 489	37 357	1 770	412 823	32 248	55 384	2 854	2 269	341	4 499	235	339	41
DRIVER-SALES WORKERS.	170 934	13 874	7 086	663	153 010	12 041	9 328	1 185	463	107	561	78	66	-
BUS DRIVERS	209 379	176 955	11 816	4 946	142 047	147 679	51 510	22 446	1 617	1 184	2 194	546	195	54
TAXICAB DRIVERS AND CHAUFFEURS.	166 990	21 603	16 351	1 004	107 977	16 178	37 910	3 936	1 147	313	3 210	158	393	14
PARKING LOT ATTENDANTS	33 740	3 069	4 084	269	20 486	2 200	8 046	512	163	20	877	68	84	-
MOTOR TRANSPORTATION OCCUPATIONS, N.E.C.	3 438	209	284	-	2 553	133	504	56	41	-	56	-	-	-
TRANSPORTATION OCCUPATIONS, EXCEPT MOTOR VEHICLE.	283 604	5 523	9 266	241	249 520	4 444	21 763	708	1 682	86	1 180	44	193	-
RAIL TRANSPORTATION OCCUPATIONS	209 072	3 468	5 859	128	184 577	2 810	17 343	475	868	31	325	24	100	-
RAILROAD CONDUCTORS AND FIREMASTERS	46 531	1 732	736	42	43 110	641	2 495	66	115	5	50	9	23	-
LOCOMOTIVE OPERATING OCCUPATIONS.	71 866	1 263	1 696	51	63 127	944	6 379	216	296	16	143	5	23	-
RAILROAD, BRIDGE, SIGNAL, AND SWITCH OPERATORS.	81 136	1 185	2 634	35	70 784	1 066	7 571	124	379	8	96	10	52	-
RAIL VEHICLE OPERATORS, N.E.C.	6 939	2 290	373	-	7 356	219	898	69	76	2	36	-	-	-
WATER TRANSPORTATION OCCUPATIONS	74 532	2 055	3 407	113	64 943	1 634	4 420	233	814	55	855	20	93	-
SHIP CAPTAINS AND MATES, EXCEPT FISHING BOATS	32 759	632	889	35	30 422	327	807	59	423	15	198	16	20	-
SAILORS AND DECKHANDS	33 300	890	2 260	63	27 064	676	3 085	113	336	34	586	4	69	-
MARINE ENGINEERS	3 681	78	186	6	3 199	53	204	19	26	-	64	-	-	-
BRIDGE, LOCK, AND LIGHTHOUSE TENDERS.	4 752	435	70	9	4 315	378	324	42	29	6	7	-	4	-
MATERIAL MOVING EQUIPMENT OPERATORS	1 181 393	70 277	79 927	6 559	939 907	52 071	144 521	10 486	10 176	479	6 036	637	826	43
SUPERVISORS, MATERIAL MOVING EQUIPMENT OPERATORS.	29 416	1 252	1 466	20	25 474	1 125	2 086	82	126	11	231	6	13	-
OPERATING ENGINEERS	4 235 587	3 239	11 870	189	204 669	2 426	14 499	466	3 209	94	1 178	56	142	8
LONGSHORE EQUIPMENT OPERATORS	4 137	128	385	4	2 146	104	1 416	20	62	-	126	-	-	-
HOIST AND WINCH OPERATORS	31 166	723	2 998	19	25 899	638	1 646	46	479	13	104	7	23	-
CRANE AND TOWER OPERATORS	128 622	2 751	7 006	147	101 281	1 824	19 068	709	622	32	1 6	35	97	4
EXCAVATING AND LOADING MACHINE OPERATORS.	81 413	1 505	4 087	125	72 018	1 261	4 279	113	798	6	201	-	34	-
GRADY, DOZER, AND SCRAPER OPERATORS.	79 567	1 013	2 583	23	71 129	752	4 445	197	799	32	173	9	36	-
INDUSTRIAL TRUCK AND TRACTOR EQUIPMENT OPERATORS.	415 004	20 408	36 824	1 366	299 306	13 607	73 081	3 130	3 065	150	2 404	150	324	5
MISC. MATERIAL MOVING EQUIPMENT OPERATORS	176 479	39 258	12 686	4 658	137 974	28 334	23 575	5 723	1 016	141	1 071	374	157	28
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	4 076 776	609 308	378 427	98 840	2 965 861	726 031	636 777	161 034	33 278	6 886	38 557	15 258	3 876	1 239
SUPERVISORS, HANDLERS, EQUIPMENT CLEANERS, AND LABORERS, N.E.C.	8 642	1 528	177	34	7 231	1 196	1 128	326	37	9	64	13	5	-
HELPERS, MECHANICS AND REPAIRERS.	26 576	1 999	3 215	147	19 047	1 069	3 684	252	244	13	356	18	32	-
HELPERS, CONSTRUCTION AND EXTRACTIVE OCCUPATIONS.	152 101	6 819	15 668	504	117 258	5 151	16 639	955	1 562	151	851	62	123	6
HELPERS, CONSTRUCTION TRADES.	121 487	4 665	13 222	321	91 416	3 452	14 925	765	1 119	80	696	41	109	-
HELPERS, SURVEYOR	10 326	760	1 996	5	9 193	633	1 458	69	110	37	72	16	-	-
HELPERS, EXTRACTIVE OCCUPATIONS	20 286	1 594	1 950	176	18 409	1 066	1 259	121	333	24	43	5	14	-
CONSTRUCTION LABORERS	833 937	27 286	89 239	2 199	587 016	18 959	143 584	5 401	8 947	505	4 421	178	760	9
PRODUCTION HELPERS.	98 971	22 012	11 604	2 393	70 644	14 502	14 390	4 033	722	107	1 304	534	105	43
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 180 774	213 194	83 952	11 644	906 094	171 345	170 137	25 975	6 770	1 280	12 746	2 693	1 075	257
GARBAGE COLLECTORS.	74 302	2 275	6 233	112	61 650	1 162	25 460	955	571	28	394	18	54	-
STEVEDORES.	21 644	318	2 539	54	11 206	118	7 482	130	135	5	286	-	36	11
STOCK HANDLERS AND BAGGERS.	540 360	146 988	38 003	7 934	465 495	125 648	45 426	12 122	2 328	782	8 636	2 129	492	173
MACHINE FEEDERS AND OFFBEARERS.	77 403	35 238	5 042	2 040	57 141	25 827	14 028	6 765	635	262	436	269	79	35
FREIGHT, STOCK, AND MATERIAL HANDLERS, N.E.C.	447 025	26 375	32 135	1 484	330 622	18 350	77 801	6 003	3 101	203	2 952	237	414	38
GARAGE AND SERVICE STATION RELATED OCCUPATIONS.	314 550	27 123	17 865	984	284 862	23 826	25 730	1 773	1 969	267	3 912	273	212	-
VEHICLE WASHERS AND EQUIPMENT CLEANERS.	125 600	22 301	12 652	1 746	85 800	15 375	25 047	4 698	777	161	1 219	258	105	27
HAND PACKERS AND PACKAGERS	206 844	415 925	32 219	52 576	134 623	293 021	31 523	60 497	1 119	2 016	3 012	7 063	336	592
LABORERS, EXCEPT CONSTRUCTION MANUFACTURING	1 128 789	271 569	111 636	26 613	793 284	181 150	200 943	56 984	11 131	2 387	10 672	4 130	1 123	305
NONDURABLE GOODS.	486 417	152 679	49 234	15 574	337 902	101 714	102 138	32 067	3 110	1 029	3 527	2 147	504	148
DURABLE GOODS	184 042	80 943	20 070	8 773	124 207	52 601	36 398	17 591	1 325	614	1 862	1 345	180	69
TRANS., COMMUNICATIONS, & OTHER PUB. UTILITIES.	302 375	71 736	29 164	6 801	213 695	49 113	55 740	14 526	1 785	415	1 665	802	326	79
WHOLESALE AND RETAIL TRADE.	155 580	12 013	15 166	1 011	104 811	7 789	33 053	2 957	2 151	105	1 070	138	89	13
ALL OTHER INDUSTRIES.	280 285	61 640	26 060	5 903	211 392	42 990	37 238	11 197	1 741	358	3 787	1 158	267	74
	206 507	45 237	21 236	4 125	140 079	28 657	38 514	10 763	4 129	915	2 288	707	261	70
UNEMPLOYED, NO CIVILIAN WORK EXPERIENCE SINCE 1975.	300 935	430 806	31 999	41 777	166 495	252 200	93 362	124 386	2 900	3 744	5 503	7 993	476	704

¹ PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

18 Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER	59 926 488	44 523 329	51 884 626	37 307 289	5 330 792	5 251 644	333 371	250 908	947 280	825 596	1 430 219	887 912
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS	13 357 369	9 196 289	12 411 595	8 073 437	573 688	804 433	45 180	41 685	306 679	190 528	120 227	86 246
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	7 209 661	3 168 857	6 717 927	2 830 044	280 972	229 804	23 751	15 347	120 147	60 758	65 364	32 904
LEGISLATORS	7 112	3 557	6 281	3 256	405	166	253	65	118	48	55	22
CHIEF EXECUTIVES AND GENERAL ADMINISTRATORS												
PUBLIC ADMINISTRATION	27 458	8 319	23 131	6 295	3 460	1 675	433	111	269	148	465	90
ADMINISTRATORS & OFFICIALS, PUBLIC ADMINISTRATION	196 465	99 518	176 373	85 543	13 559	11 114	1 691	454	2 702	1 076	1 940	931
ADMINISTRATORS, PROTECTIVE SERVICES	23 769	2 468	22 565	2 093	829	280	144	21	98	16	133	58
FINANCIAL MANAGERS	281 218	128 626	266 614	119 376	6 882	6 050	429	332	5 386	1 735	1 707	1 133
PERSONNEL AND LABOR RELATIONS MANAGERS	140 747	79 198	128 220	70 347	8 227	6 317	469	305	1 832	1 179	1 999	1 050
PURCHASING MANAGERS	56 088	15 111	53 434	13 652	1 466	1 025	137	46	703	239	348	149
MANAGERS, MARKETING, ADVERTISING, & PUB. RELATIONS	567 362	121 513	549 364	114 425	9 166	4 370	1 045	351	5 530	1 530	2 257	837
ADMINISTRATORS, EDUCATION AND RELATED FIELDS	239 766	147 772	214 777	124 056	20 330	19 452	954	1 107	1 780	1 588	2 005	1 569
MANAGERS, MEDICINE AND HEALTH	54 583	58 298	49 325	48 858	3 925	5 663	212	373	736	859	305	545
MANAGERS, PROPERTIES AND REAL ESTATE	117 835	82 237	105 355	74 983	7 921	4 905	608	517	1 364	882	2 587	950
POSTMASTERS AND MAIL SUPERINTENDENTS	17 131	10 632	16 955	13 270	510	122	109	141	63	62	94	37
FUNERAL DIRECTORS	36 786	3 510	33 290	2 731	3 205	699	89	-	81	30	121	30
MANAGERS AND ADMINISTRATORS, N.E.C., SALARIED	3 403 912	1 253 789	3 194 427	1 140 216	113 618	76 687	10 258	5 790	55 220	18 939	30 989	12 117
MANAGERS AND ADMINISTRATORS, N.E.C., SELF-EMPLOYED	419 697	154 149	388 471	140 698	12 454	4 755	1 369	679	12 321	6 181	5 082	1 836
MANAGEMENT RELATED OCCUPATIONS	1 618 132	999 200	1 488 245	870 225	75 395	88 524	5 351	4 655	33 944	26 246	15 197	11 550
ACCOUNTANTS AND AUDITORS	626 958	386 299	577 147	333 755	23 476	30 892	1 331	1 621	19 992	16 280	4 612	3 751
UNDERWRITERS	7 752	10 885	7 111	9 828	303	787	12	21	190	105	96	104
OTHER FINANCIAL OFFICERS	223 633	182 318	209 877	164 928	7 498	11 074	517	669	3 967	3 645	1 734	2 002
MANAGEMENT ANALYSTS	88 652	29 926	83 594	26 613	3 024	2 501	296	177	1 299	415	424	223
PERSONNEL, TRNG., AND LABOR RELATIONS SPECIALISTS	224 039	198 780	195 692	164 411	20 309	26 234	1 339	1 316	2 705	3 196	3 984	3 623
PURCHASING AGENTS AND BUYERS, FARM PRODUCTS	17 933	1 547	17 110	1 396	574	126	46	-	94	11	109	14
BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS	93 192	74 639	88 651	69 528	2 235	3 233	214	200	1 377	1 083	715	595
PURCHASING AGENTS AND BUYERS, N.E.C.	130 769	60 974	123 762	55 813	4 277	3 610	477	288	1 272	646	981	470
BUSINESS AND PROMOTION AGENTS	13 780	6 827	12 611	6 329	806	327	34	25	180	79	189	67
CONSTRUCTION INSPECTORS	48 813	2 479	44 121	1 925	2 404	412	307	8	704	62	587	72
INSPECTORS & COMPLIANCE OFFICERS, EXCEPT CONSTR.	128 435	27 909	115 431	21 861	9 186	4 756	675	260	2 083	546	1 560	486
MANAGEMENT RELATED OCCUPATIONS, N.E.C.	14 476	16 649	13 138	13 838	913	2 372	101	90	171	206	151	143
PROFESSIONAL SPECIALTY OCCUPATIONS	6 247 708	6 027 932	5 644 188	5 243 363	292 716	574 629	21 429	26 298	184 532	120 770	54 863	53 382
ENGINEERS, ARCHITECTS, AND SURVEYORS	1 465 220	75 080	1 352 694	65 944	34 927	4 871	3 657	291	64 863	3 110	9 079	864
ARCHITECTS	98 743	8 930	91 012	8 119	2 703	310	193	30	3 863	395	972	96
ENGINEERS	1 336 164	64 809	1 232 918	56 603	31 490	4 517	3 185	243	60 753	2 705	7 800	741
AEROSPACE	85 522	2 869	77 175	2 435	1 493	221	234	-	4 177	173	543	40
METALLURGICAL AND MATERIALS	23 260	1 279	21 724	1 126	469	80	25	21	893	46	147	6
Mining	9 700	341	9 276	319	100	-	61	17	198	5	65	-
PETROLEUM	22 235	819	21 195	733	315	31	105	6	485	4	135	5
CHEMICAL	54 487	3 015	50 082	2 579	955	205	70	8	3 134	194	245	29
NUCLEAR	8 897	343	8 087	304	134	10	22	-	609	16	45	11
CIVIL	190 029	6 006	178 792	5 134	4 777	373	572	24	12 368	356	1 500	99
AGRICULTURAL	4 115	390	3 907	353	62	23	4	7	122	7	20	-
ELECTRICAL AND ELECTRONIC	306 695	16 179	281 820	13 772	8 106	1 470	791	14	14 116	608	1 853	235
INDUSTRIAL	174 966	39 354	165 479	17 494	4 520	1 125	369	108	3 539	400	1 061	227
MECHANICAL	193 579	4 071	180 312	3 564	4 516	304	360	20	7 446	182	843	11
MARINE AND NAVAL ARCHITECTS	16 367	315	15 446	281	367	19	49	6	416	9	99	-
ENGINEERS, N.E.C.	238 210	9 828	217 612	8 499	5 794	656	523	12	13 028	583	1 253	78
SURVEYORS AND MAPPING SCIENTISTS	30 313	1 321	28 764	1 222	725	44	279	18	247	10	298	27
MATHEMATICAL AND COMPUTER SCIENTISTS	244 129	86 318	224 061	74 587	9 737	7 756	634	321	8 278	3 030	1 419	624
COMPUTER SYSTEMS ANALYSTS AND SCIENTISTS	157 140	45 511	144 212	39 707	6 129	3 470	374	183	5 535	1 806	890	345
OPERATIONS AND SYSTEMS RESEARCHERS AND ANALYSTS	58 435	22 441	53 869	19 248	2 476	2 418	175	81	1 536	561	377	133
ACTUARIES	7 682	2 637	7 326	2 465	91	94	-	-	259	78	6	-
STATISTICIANS	15 684	14 516	13 979	12 201	793	1 595	60	57	746	517	106	146
MATHEMATICAL SCIENTISTS, N.E.C.	5 188	1 213	4 675	966	248	179	25	-	200	68	40	-
NATURAL SCIENTISTS	251 535	62 660	230 451	53 360	8 144	3 954	963	286	10 238	4 489	1 719	572
PHYSICISTS AND ASTRONOMERS	21 253	1 220	19 590	1 121	3 220	41	30	-	1 160	40	153	10
CHEMISTS, EXCEPT BIOCHEMISTS	81 699	20 540	72 000	16 310	3 642	1 475	156	68	5 368	2 414	533	273
ATMOSPHERIC AND SPACE SCIENTISTS	6 986	1 429	6 489	1 258	3 281	129	45	2	106	31	65	7
GEOLOGISTS AND GEODESISTS	40 985	5 142	39 519	4 829	488	205	93	10	623	91	262	17
PHYSICAL SCIENTISTS, N.E.C.	6 874	1 767	6 358	1 521	311	196	5	5	143	28	58	17
AGRICULTURAL AND FOOD SCIENTISTS	19 009	5 580	17 378	4 894	611	437	59	37	853	198	108	14
BIOLOGICAL AND LIFE SCIENTISTS	30 840	15 239	28 206	13 224	885	817	60	63	1 490	1 043	190	92
FORESTRY & CONSERVATION SCIENTISTS	31 985	3 582	30 050	3 185	963	188	493	73	269	63	276	73
MEDICAL SCIENTISTS	11 904	8 161	10 661	7 018	493	466	23	28	697	580	80	69

Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980-Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS--CON.												
PROFESSIONAL SPECIALTY OCCUPATIONS--CON.												
HEALTH DIAGNOSING OCCUPATIONS	570 546	76 280	516 391	58 662	17 069	4 058	718	165	36 353	12 683	3 095	716
PHYSICIANS	375 289	57 066	330 297	42 316	2 264	3 245	413	127	31 730	11 722	2 585	556
DENTISTS	116 916	6 375	110 425	7 171	2 715	480	183	10	3 305	616	288	90
VETERINARIANS	29 797	4 558	28 875	4 334	409	124	58	6	359	73	98	21
OPTOMETRISTS	22 567	2 036	21 816	1 882	194	56	36	6	461	67	58	33
PODIATRISTS	7 124	657	6 860	538	210	78	20	6	54	41	-	-
HEALTH DIAGNOSING PRACTITIONERS, N.E.C.	18 851	2 688	18 120	2 461	193	71	28	6	484	139	66	16
HEALTH ASSESSMENT AND TREATING OCCUPATIONS	240 569	1 482 007	211 468	1 296 820	17 489	118 028	778	4 790	7 919	51 288	2 915	9 085
REGISTERED NURSES	52 755	1 232 544	44 278	1 086 595	4 489	91 534	187	3 844	1 998	13 870	803	6 701
PHARMACISTS	110 635	35 002	102 572	30 382	7 954	1 806	758	96	4 340	2 323	611	395
DIECTIONIANS	6 787	60 483	4 457	44 527	1 919	12 621	25	307	1 779	2 405	207	623
THERAPISTS	52 181	141 752	44 174	127 351	5 695	10 413	268	464	1 071	2 337	973	1 187
INHALATION THERAPISTS	21 179	27 559	17 985	23 666	2 133	3 007	90	134	526	463	445	289
OCCUPATIONAL THERAPISTS	1 499	15 257	1 216	15 183	203	574	14	36	44	394	22	70
PHYSICAL THERAPISTS	11 234	31 841	9 785	28 804	7 006	1 967	33	91	252	701	458	278
SPEECH THERAPISTS	4 485	36 811	4 219	34 298	187	1 871	22	54	25	361	32	227
THERAPISTS, N.E.C.	13 774	29 284	10 969	25 400	2 166	2 998	109	189	224	416	316	323
PHYSICIANS' ASSISTANTS	18 211	12 226	15 987	9 965	1 432	1 650	140	79	331	353	321	179
TEACHERS, POSTSECONDARY	404 104	233 045	368 720	208 604	15 507	15 596	1 230	798	15 429	5 811	3 218	2 468
EARTH, ENVIRONMENTAL, & MARINE SCIENCE TEACHERS	1 904	370	1 833	353	10	5	5	38	9	10	8	6
BIOLOGICAL SCIENCE TEACHERS	6 537	3 114	6 143	2 798	122	171	19	259	113	28	13	13
CHEMISTRY TEACHERS	6 671	1 711	6 126	1 559	148	58	20	351	83	26	11	11
PHYSICS TEACHERS	4 882	532	4 473	474	65	18	6	303	36	35	4	4
NATURAL SCIENCE TEACHERS, N.E.C.	637	194	604	184	6	10	19	57	7	7	7	7
PSYCHOLOGY TEACHERS	3 494	2 326	3 272	2 104	124	153	29	47	44	22	22	22
ECONOMICS TEACHERS	4 024	1 088	3 705	904	103	43	172	54	19	19	19	19
HISTORY TEACHERS	4 267	1 333	4 061	1 229	126	84	64	61	20	10	10	10
POLITICAL SCIENCE TEACHERS	1 677	389	1 451	377	110	110	6	78	10	32	22	22
SOCIOLOGY TEACHERS	2 263	994	2 040	839	129	87	10	62	18	18	18	18
SOCIAL SCIENCE TEACHERS, N.E.C.	1 301	708	1 207	643	23	12	16	27	6	28	21	21
ENGINEERING TEACHERS	9 719	1 253	8 796	1 132	317	70	38	494	36	74	7	7
MATHEMATICAL SCIENCE TEACHERS	11 390	5 307	10 218	4 603	496	438	58	530	221	88	36	36
COMPUTER SCIENCE TEACHERS	1 882	716	1 587	624	68	54	7	170	20	50	18	18
MEDICAL SCIENCE TEACHERS	6 891	2 123	6 344	1 972	175	81	19	319	45	53	25	25
HEALTH SPECIALTIES TEACHERS	2 596	16 954	2 390	15 380	143	1 109	12	51	317	14	84	84
BUSINESS, COMMERCE, AND MARKETING TEACHERS	4 022	3 594	3 696	3 238	189	259	20	123	52	14	35	35
AGRICULTURE AND FORESTRY TEACHERS	3 246	567	3 016	528	122	37	18	41	2	49	-	-
ART, DRAMA, AND MUSIC TEACHERS	14 718	13 667	13 653	12 609	800	678	67	141	272	57	54	54
PHYSICAL EDUCATION TEACHERS	5 362	3 626	4 825	3 351	435	190	26	69	35	27	21	21
EDUCATION TEACHERS	1 373	935	1 222	907	121	90	6	9	38	15	-	-
ENGLISH TEACHERS	10 536	12 665	9 960	11 656	302	704	8	52	192	150	76	101
FOREIGN LANGUAGE TEACHERS	4 039	5 915	3 705	5 325	82	148	6	3	184	259	82	180
LAW TEACHERS	3 301	811	3 161	719	104	76	-	19	6	17	8	8
SOCIAL WORK TEACHERS	329	481	317	347	12	105	-	-	23	-	6	6
THEOLOGY TEACHERS	2 809	767	2 694	717	64	25	5	46	12	5	5	5
TRADE AND INDUSTRIAL TEACHERS	2 490	1 105	2 239	999	183	95	14	43	5	11	6	6
HOME ECONOMICS TEACHERS	163	1 824	150	1 686	5	112	1	8	13	-	12	12
TEACHERS, POSTSECONDARY, N.E.C.	2 565	1 402	2 308	1 231	148	111	-	7	80	47	20	20
POSTSECONDARY TEACHERS, SUBJECT NOT SPECIFIED	279 034	146 503	253 564	129 992	10 810	10 556	845	538	11 506	3 860	2 309	1 544
TEACHERS, EXCEPT POSTSECONDARY	1 086 775	2 635 345	982 560	2 284 164	77 156	288 876	4 706	11 618	11 820	28 126	10 533	27 561
TEACHERS, PREKINDERGARTEN AND KINDERGARTEN	6 564	176 774	4 831	146 534	1 298	24 434	79	1 134	1 760	199	2 912	2 912
TEACHERS, ELEMENTARY SCHOOL	569 823	1 749 547	509 594	1 503 715	46 275	204 648	2 305	7 552	5 788	18 981	5 841	14 651
TEACHERS, SECONDARY SCHOOL	374 203	486 603	345 740	432 381	20 926	44 651	1 543	1 851	3 108	4 404	2 886	3 316
TEACHERS, SPECIAL EDUCATION	10 136	22 680	9 146	19 926	693	2 379	76	123	123	136	100	116
TEACHERS, N.E.C.	426 047	199 741	115 249	181 608	7 964	12 764	703	958	2 644	445	1 487	1 566
COUNSELORS, EDUCATIONAL AND VOCATIONAL	90 587	107 669	75 743	85 825	10 235	17 334	1 096	1 412	1 244	1 436	1 749	1 662
LIBRARIANS, ARCHIVISTS, AND CURATORS	40 514	162 187	35 686	145 543	2 884	11 990	153	375	1 260	2 985	531	1 074
LIBRARIANS	32 749	154 600	28 792	138 711	2 353	11 434	120	524	1 086	2 909	478	1 022
ARCHIVISTS AND CURATORS	7 735	7 587	6 944	6 832	531	556	33	51	174	76	53	52

Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980-Con.

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS--CON.												
PROFESSIONAL SPECIALTY OCCUPATIONS--CON.												
SOCIAL SCIENTISTS AND URBAN PLANNERS	136 114	61 744	126 346	72 619	5 546	6 739	438	326	2 632	1 381	1 130	679
ECONOMISTS	67 218	28 347	62 696	25 645	2 135	1 843	170	68	1 617	376	371	193
PSYCHOLOGISTS	49 102	43 827	45 460	38 511	2 414	4 151	149	200	515	367	546	398
SOCIOLOGISTS	1 489	1 061	1 311	944	111	40	-	12	44	46	23	9
SOCIAL SCIENTISTS, N.E.C.	8 177	5 300	7 660	4 465	214	252	36	30	179	112	66	51
URBAN PLANNERS	10 128	3 209	9 019	2 654	654	455	92	16	277	58	66	26
SOCIAL, RECREATION, AND RELIGIOUS WORKERS	461 205	366 967	398 870	286 630	46 669	67 287	2 678	3 099	6 853	4 725	7 135	7 226
SOCIAL WORKERS	161 258	298 726	124 964	224 312	26 963	61 597	1 727	2 692	2 714	3 681	4 688	6 293
RECREATION WORKERS	412 122	25 279	4 551	20 864	2 864	3 436	150	229	154	241	305	908
CLERGY	269 610	10 934	289 851	15 085	15 230	965	724	74	3 164	173	1 641	135
RELIGIOUS WORKERS, N.E.C.	21 215	26 529	19 504	26 369	1 010	1 339	77	104	403	827	221	290
LAWYERS AND JUDGES	455 642	74 037	439 366	67 312	10 684	4 793	899	280	2 911	970	1 982	682
LAWYERS	432 559	69 275	417 815	63 103	9 322	4 272	769	230	2 785	952	1 868	656
JUDGES	23 083	4 762	21 551	4 147	1 162	521	130	50	126	18	114	26
WRITERS, ARTISTS, ENTERTAINERS, AND ATHLETES	600 768	562 113	731 612	541 323	40 087	23 355	3 459	2 337	15 692	9 737	10 338	5 361
AUTHORS	25 409	20 339	28 217	19 316	612	635	92	69	294	166	194	133
TECHNICAL WRITERS	30 984	18 612	29 184	17 099	1 106	1 172	168	81	475	160	151	100
DESIGNERS	169 604	168 770	156 080	158 313	6 034	4 908	510	305	4 714	3 520	2 280	1 658
MUSICIANS AND COMPOSERS	99 045	81 491	87 766	38 552	7 294	1 991	516	152	1 552	664	1 932	152
ACTORS AND DIRECTORS	44 049	23 131	40 860	20 037	2 443	1 473	198	85	524	337	424	299
PAINTERS, SCULPTORS, CRAFT-ARTISTS, AND ARTIST PRINTMAKERS	74 945	73 717	72 319	69 690	3 385	1 311	664	439	2 019	1 614	1 058	463
PHOTOGRAPHERS	72 496	22 206	65 979	20 716	3 686	968	235	170	1 422	212	974	200
DANCERS	3 350	9 844	2 777	8 219	323	832	19	91	180	492	91	210
ARTISTS, PERFORMERS, AND RELATED WORKERS, N.E.C.	29 356	20 297	26 255	18 788	1 727	820	231	136	380	313	623	240
EDITORS AND REPORTERS	106 942	103 889	100 296	96 619	3 392	4 216	278	379	1 920	1 545	1 056	1 130
PUBLIC RELATIONS SPECIALISTS	61 442	58 593	56 938	53 595	3 004	3 558	205	271	773	682	520	469
ANNOUNCERS	30 392	6 594	34 375	7 478	3 079	795	208	63	228	128	502	130
ATHLETES	40 234	12 368	33 218	11 621	3 757	476	195	36	511	98	553	137
TECH., SALES, & ADMIN. SUPPORT OCCUPATIONS	11 001 736	19 881 842	9 807 008	17 373 876	770 187	1 783 921	80 158	92 448	211 066	326 657	173 317	304 440
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	1 721 331	1 391 081	1 537 151	1 119 497	96 794	161 419	7 783	7 048	57 379	37 669	22 424	15 286
HEALTH TECHNOLOGISTS AND TECHNICIANS	162 175	827 172	129 349	677 692	20 566	117 082	988	4 475	8 000	19 337	3 272	8 386
CLINICAL LAB. TECHNOLOGISTS & TECHNICIANS	62 175	181 807	48 399	189 416	8 111	20 275	279	643	4 246	9 845	1 140	1 626
DENTAL HYGIENISTS	708	45 484	592	44 099	46	667	-	37	68	314	42	167
HEALTH RECORD TECHNOLOGISTS AND TECHNICIANS	1 314	13 833	995	11 796	196	1 295	8	187	73	398	62	157
RADIOLOGIC TECHNICIANS	27 356	68 955	22 372	62 266	2 917	5 097	167	231	1 238	696	662	463
LICENSED PRACTICAL NURSES	14 764	420 412	11 012	331 430	2 942	75 696	128	2 822	358	5 956	324	4 566
HEALTH TECHNOLOGISTS AND TECHNICIANS, N.E.C.	35 856	96 661	45 979	78 683	6 352	14 050	406	353	2 017	2 126	1 104	1 207
TECHNOLOGISTS AND TECHNICIANS, EXCEPT HEALTH, ENGR. AND RELATED TECHNOLOGISTS AND TECHNICIANS	1 559 336	513 909	1 407 802	441 805	76 228	44 337	6 795	2 573	49 379	16 332	19 152	6 862
ELECTRICAL AND ELECTRONIC TECHNICIANS	788 973	158 072	715 138	135 975	36 985	13 243	3 823	662	21 067	5 551	11 130	2 621
INDUSTRIAL ENGINEERING TECHNICIANS	235 881	30 403	210 340	28 379	12 619	3 733	974	155	8 216	2 333	3 432	803
MECHANICAL ENGINEERING TECHNICIANS	8 904	2 280	7 866	2 007	400	149	20	7	46	25	70	32
ENGINEERING TECHNICIANS, N.E.C.	14 568	1 008	13 388	870	493	86	35	3	325	8	297	37
DRAFTING OCCUPATIONS	207 139	44 895	190 844	55 480	9 214	6 107	739	193	4 114	2 392	2 208	923
SURVEYING AND MAPPING TECHNICIANS	274 459	54 408	247 210	49 180	12 490	2 684	1 405	261	8 739	1 904	4 615	777
SCIENCE TECHNICIANS	48 572	4 522	45 468	3 859	1 414	462	650	63	427	89	608	49
BIOLOGICAL TECHNICIANS	132 393	60 467	117 839	51 652	8 800	5 716	302	257	3 847	1 825	1 805	1 015
CHEMICAL TECHNICIANS	26 901	29 503	23 660	17 062	1 728	2 546	149	87	739	574	423	338
SCIENCE TECHNICIANS, N.E.C.	56 768	16 855	49 872	23 958	4 553	1 845	153	78	1 500	484	688	294
TECHNICIANS, EXC. HEALTH, ENGINEERING, & SCIENCE	48 024	28 309	43 707	20 696	2 517	2 327	200	132	1 608	767	692	387
ATPLANE PILOTS AND NAVIGATORS	638 020	295 370	575 225	254 278	30 943	25 376	2 470	1 434	23 665	10 956	6 217	3 226
ATR TRAFFIC CONTROLLERS	72 149	1 039	73 372	986	652	26	285	-	451	23	189	14
BROADCAST EQUIPMENT OPERATORS	34 879	6 164	31 632	5 124	2 661	630	164	57	472	91	350	62
COMPUTER PROGRAMMERS	40 707	32 015	37 291	28 087	2 280	2 762	368	482	286	191	482	493
TOOL PROGRAMMERS, NUMERICAL CONTROL	216 716	98 937	197 252	84 406	10 053	7 974	633	277	9 024	5 373	1 752	767
LEGAL ASSISTANTS	6 313	2 262	5 841	1 833	190	254	-	6	185	129	97	28
TECHNICIANS, N.E.C.	24 566	54 621	22 061	50 458	1 595	2 762	124	284	409	559	370	556
	237 690	100 512	207 376	83 264	13 614	20 808	894	524	12 838	4 410	2 968	1 306

Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980-Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT 1

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE-N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
TECH., SALES & ADMIN. SUPPORT OCCUPATIONS--CON.												
SALES OCCUPATIONS.	5 261 974	4 995 335	4 915 345	4 495 264	202 466	331 009	14 310	20 055	70 031	76 969	59 814	72 038
SUPERVISORS & PROPS., SALES OCCUPATIONS, SALARIED SUPERVISORS AND PROPRIETORS, SALES OCCUPATIONS, SELF-EMPLOYED.	812 207	318 974	760 619	295 781	27 705	14 613	2 551	1 158	11 842	4 090	9 490	3 332
SALES REPRESENTATIVES, FINANCE & BUSINESS SERVICES.	324 838	126 516	302 505	117 447	9 701	3 704	989	549	8 068	3 740	3 575	1 056
INSURANCE SALES OCCUPATIONS.	1 192 820	653 562	1 132 875	612 221	34 781	25 907	2 487	2 036	13 815	8 844	8 862	4 554
REAL ESTATE SALES OCCUPATIONS.	423 736	144 128	397 433	128 760	18 080	11 599	764	417	4 907	2 174	2 552	1 178
SECURITIES AND FINANCIAL SERVICE SALES OCCUPATIONS.	360 675	297 700	345 175	287 172	7 997	5 053	904	864	4 466	3 297	1 933	1 314
ADVERTISING AND RELATED SALES OCCUPATIONS.	107 760	24 638	103 648	22 657	2 152	1 230	130	115	1 428	386	592	250
SALES OCCUPATIONS, OTHER BUSINESS SERVICES.	66 677	47 532	63 861	26 017	1 857	1 721	131	151	994	395	334	248
SALES REPRESENTATIVES, COMMODITIES EXCEPT RETAIL.	233 982	139 544	222 758	128 615	6 695	6 304	558	489	2 320	2 592	1 651	1 564
SALES ENGINEERS.	1 112 852	188 394	1 070 191	174 005	24 326	8 631	2 185	243	8 369	2 729	7 781	2 316
SALES REPS., MINING, MANUFACTURING, & WHOLESALE.	42 644	1 423	41 812	1 347	7 335	52	23	47	405	11	71	6
	1 070 204	186 471	1 028 379	172 658	23 991	8 579	2 162	706	7 964	2 718	7 710	2 310
SALES WORKERS, RETAIL AND PERSONAL SERVICES.	1 804 647	3 692 620	1 637 219	3 281 601	103 512	277 500	6 055	15 510	27 848	57 375	32 013	60 434
SALES WORKERS, MOTOR VEHICLES AND BOATS.	260 889	22 219	246 369	20 966	8 802	803	799	100	1 604	175	3 315	175
SALES WORKERS, APPAREL.	80 796	361 976	70 531	328 889	4 811	21 728	222	1 036	1 579	5 061	1 653	5 262
SALES WORKERS, SHOES.	50 331	65 611	42 579	59 753	5 365	3 976	159	195	703	661	1 525	1 026
SALES WORKERS, FURNITURE AND HOME FURNISHINGS.	84 818	63 224	82 108	60 490	2 821	1 529	235	168	454	479	1 200	558
SALES WORKERS, RADIO, TV, HI-FI, AND APPLIANCES.	82 233	33 093	76 604	30 555	3 586	1 629	205	87	822	304	1 031	518
SALES WORKERS, HARDWARE AND BUILDING SUPPLIES.	145 769	16 687	138 609	46 450	3 884	884	399	172	1 120	465	1 762	524
SALES WORKERS, PARTS.	181 487	16 687	172 708	15 541	3 884	884	399	172	1 120	465	1 762	524
SALES WORKERS, OTHER COMMODITIES.	963 456	1 234 929	817 675	1 122 486	28 338	71 951	1 375	4 258	6 719	19 551	7 349	16 483
SALES COUNTER CLERKS.	25 398	76 507	22 851	61 640	1 434	6 385	84	271	444	1 130	415	1 052
CASHIERS.	310 338	1 565 502	258 030	1 338 830	31 552	158 338	14 373	8 119	9 875	27 579	9 508	32 634
STREET AND DOOR-TO-DOOR SALES WORKERS.	47 848	174 861	43 746	162 785	2 716	7 869	232	785	524	1 510	630	1 912
NEWS VENDORS.	71 284	36 516	65 437	32 987	4 037	1 782	262	173	684	266	844	308
SALES-RELATED OCCUPATIONS.	12 610	15 267	11 936	14 189	441	654	51	89	89	191	93	144
DEMONSTRATORS, PROMOTERS AND MODELS, SALES.	2 665	10 065	2 397	9 365	164	427	24	49	29	129	51	95
AUCTIONEERS.	5 932	1 010	5 801	910	82	49	14	32	23	19	10	-
SALES SUPPORT OCCUPATIONS, N.E.C.	4 013	4 192	3 738	3 914	195	178	11	8	43	32	32	49
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL.	4 018 231	13 545 426	3 354 512	11 759 115	470 927	1 291 493	16 057	65 845	83 656	211 819	91 079	287 154
SUPERVISORS, ADMINISTRATIVE SUPPORT OCCUPATIONS.	569 626	508 547	502 954	439 442	47 726	53 069	2 301	2 188	8 593	7 260	8 042	4 588
SUPERVISORS, GENERAL OFFICE.	282 671	362 658	244 730	311 400	27 308	39 290	1 457	1 679	4 472	5 037	4 704	5 252
SUPERVISORS, COMPUTER EQUIPMENT OPERATORS.	30 028	12 599	27 215	10 847	1 859	1 276	34	34	464	258	246	184
SUPERVISORS, FINANCIAL RECORDS PROCESSING.	81 455	78 447	76 635	71 166	2 592	4 975	198	266	1 514	1 475	516	565
CHIEF COMMUNICATIONS OPERATORS.	44 101	23 104	41 021	19 441	2 447	3 265	136	74	402	141	395	183
SUPERVISORS, DISTRIBUTION, SCHEDULING, AND ADJUSTING CLERKS.	131 371	31 739	113 363	26 588	13 810	4 263	476	135	1 541	349	2 181	404
COMPUTER EQUIPMENT OPERATORS.	171 529	249 052	141 671	208 381	20 609	29 933	798	1 193	5 582	5 380	3 469	4 165
COMPUTER OPERATORS.	161 936	233 811	133 986	195 336	18 681	26 041	747	1 151	5 285	5 082	3 237	4 001
PERIPHERAL EQUIPMENT OPERATORS.	9 543	15 441	7 685	13 045	1 328	1 892	51	42	297	292	232	164
SECRETARIES, STENOGRAPHERS AND TYPISTS.	80 845	4 746 055	66 740	4 252 160	9 327	348 922	561	22 320	2 259	46 808	1 967	65 905
SECRETARIES.	49 249	3 949 473	42 579	3 618 686	4 356	227 552	302	16 905	1 127	40 719	885	47 911
STENOGRAPHERS.	7 996	79 633	7 395	68 950	379	7 687	6	300	95	1 655	121	1 041
TYPISTS.	23 600	716 449	16 766	566 264	4 592	113 683	253	5 115	1 028	14 434	961	16 953
INFORMATION CLERKS.	139 851	814 477	116 298	708 386	15 565	73 802	1 000	5 007	3 727	11 430	3 261	15 652
INTERVIEWERS.	33 454	115 244	26 792	97 353	4 947	12 857	541	1 378	448	1 427	926	2 029
HOTEL CLERKS.	21 113	45 269	18 521	40 614	1 394	2 723	107	321	652	923	439	486
TRANSPORTATION TICKET AND RESERVATION AGENTS.	43 617	59 332	36 993	49 727	4 143	6 719	198	711	1 439	1 834	894	841
RECEPTIONISTS.	22 870	525 290	18 136	462 655	3 239	42 328	111	2 780	720	6 219	664	24 348
INFORMATION CLERKS, N.E.C.	18 597	49 342	15 856	57 837	1 842	9 175	93	357	468	827	338	1 146
RECORDS PROCESSING OCCUPATIONS, EXCEPT FINANCIAL.	231 056	786 589	188 313	645 493	29 543	108 984	1 012	3 698	5 650	14 057	4 496	16 157
CLASSIFIED-AD CLERKS.	3 125	11 226	2 828	10 128	182	727	4	64	84	153	27	154
CORRESPONDENCE CLERKS.	3 701	16 043	3 232	13 272	294	2 374	4	53	113	152	58	192
ORDER CLERKS.	106 311	219 404	88 554	185 681	12 383	26 332	457	733	1 426	2 722	3 487	4 136
PERSONNEL CLERKS, EXCEPT PAYROLL AND TIMEKEEPING.	8 794	67 845	7 702	56 308	1 544	6 273	84	376	1 199	1 488	185	1 440
LIBRARY CLERKS.	27 535	119 226	22 012	107 128	3 213	12 953	154	500	1 409	2 840	747	1 825
FILE CLERKS.	60 379	240 903	47 245	184 427	9 704	43 896	233	1 427	1 664	4 644	1 533	4 509
RECORDS CLERKS.	20 211	111 742	16 658	94 749	2 263	12 449	76	365	753	2 058	461	1 901

Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980-Con.

DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT 1

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FOR 16 YEARS AND OVER-- CON.												
TECH., SALES & ADMIN. SUPPORT, OCCUPATIONS--CON.												
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL--CON.												
FINANCIAL RECORDS PROCESSING OCCUPATIONS.	272 307	2 067 091	236 977	1 901 261	19 709	102 247	1 220	7 728	9 744	33 960	4 657	21 095
BOOKKEEPERS, ACCOUNTING, AND AUDITING CLERKS.	194 430	1 700 843	169 795	1 580 754	13 231	70 187	814	6 247	7 652	27 296	3 138	16 359
PAYROLL AND TIMEKEEPING CLERKS.	28 047	137 782	24 361	121 778	2 452	11 255	148	672	687	2 064	419	2 013
BILLING CLERKS.	14 882	120 185	12 357	106 780	1 575	9 329	58	392	511	1 927	371	1 757
COST AND RATE CLERKS.	27 125	61 273	25 284	53 073	1 364	5 704	153	211	428	1 376	496	909
BILLING, POSTING, & CALCULATING MACH. OPERATORS.	7 003	47 008	5 180	38 876	1 087	5 772	37	206	466	1 297	233	857
DUPPLICATING, MAIL & OTHER OFFICE MACHINE OPERATORS.	21 424	40 790	16 062	32 034	3 804	6 862	73	260	747	766	138	868
DUPPLICATING MACHINE OPERATORS.	7 758	12 022	5 751	9 360	1 431	2 090	18	51	270	281	288	240
MAIL PREPARING & PAPER HANDLING MACH. OPERATORS.	2 809	4 690	2 186	3 922	482	595	13	44	70	52	56	77
OFFICE MACHINE OPERATORS, N.E.C.	10 857	24 076	8 123	18 752	1 891	4 177	42	165	407	453	394	531
COMMUNICATIONS EQUIPMENT OPERATORS.	54 115	264 600	27 418	236 937	4 680	41 594	198	1 880	541	2 675	1 078	4 914
TELEPHONE OPERATORS.	27 553	276 807	21 815	229 221	4 119	40 402	172	1 830	471	2 568	976	4 786
TELEGRAPHERS.	5 083	2 904	4 413	2 373	590	420	16	8	53	59	61	46
COMMUNICATIONS EQUIPMENT OPERATORS, N.E.C.	1 479	8 087	1 190	7 343	221	572	10	42	17	48	41	82
MAIL AND MESSAGE DISTRIBUTING OCCUPATIONS.	562 281	240 061	442 728	176 533	94 425	54 523	1 897	1 268	10 502	3 761	12 729	3 976
POSTAL CLERKS, EXC. MAIL CARRIERS.	175 047	98 105	130 634	61 789	35 756	32 773	557	555	4 272	1 749	3 825	1 241
MAIL CARRIERS, POSTAL SERVICE.	226 463	34 111	192 858	29 366	26 393	3 925	726	179	2 876	268	3 610	373
MAIL CLERKS, EXC. POSTAL SERVICE.	94 076	85 124	68 819	66 747	14 575	14 575	413	420	2 186	1 419	3 220	1 963
MESSENGERS.	56 695	22 721	50 416	18 631	12 458	3 250	201	116	1 168	325	2 074	399
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C.	1 154 459	607 226	940 958	512 432	139 717	70 652	5 117	3 336	16 094	9 000	31 783	11 406
DISPATCHERS.	67 779	31 213	62 312	27 003	3 915	3 186	225	272	606	359	721	393
PRODUCTION COORDINATORS.	147 495	117 881	131 435	101 963	10 913	12 079	587	580	2 264	1 755	2 297	1 864
TRAFFIC, SHIPPING, AND RECEIVING CLERKS.	392 387	121 013	316 273	102 533	54 093	13 479	1 667	474	5 284	1 506	15 070	2 811
STOCK AND INVENTORY CLERKS.	398 002	211 880	327 452	177 694	51 537	25 488	1 894	1 188	7 111	3 683	10 006	3 827
METER READERS.	38 175	4 459	30 641	3 651	5 441	658	222	36	288	21	983	93
MEASURES, MEASURERS, AND CHECKERS.	48 581	29 476	40 634	23 836	5 979	4 313	285	236	335	250	1 328	801
SAMPLERS.	1 472	1 194	1 305	1 057	133	118	-	-	28	6	6	15
EXPEDITORS.	50 597	59 744	44 490	50 972	4 142	6 783	155	254	687	818	1 123	917
MATERIAL RECORDING, SCHEDULING, AND DISTRIBUTING CLERKS, N.E.C.	9 970	30 404	8 216	24 323	1 164	4 538	80	5	261	602	249	845
ADJUSTERS AND INVESTIGATORS.	199 792	331 705	179 346	273 982	14 065	44 147	745	1 566	3 003	6 453	2 639	5 557
INSURANCE ADJUSTERS, EXAMINERS, & INVESTIGATORS.	66 505	109 553	61 611	82 917	3 287	13 745	169	304	920	2 337	518	1 250
INVESTIGATORS AND ADJUSTERS, EXCEPT INSURANCE.	94 059	157 138	84 002	130 550	8 914	20 436	452	679	1 484	2 924	1 207	2 549
ELIGIBILITY CLERKS, SOCIAL WELFARE.	4 511	20 207	3 400	14 849	567	4 010	29	231	249	548	266	569
BILL AND ACCOUNT COLLECTORS.	34 717	53 807	30 327	45 666	3 297	5 956	95	352	350	644	648	1 189
MISCELLANEOUS ADMINISTRATIVE SUPPORT OCCUPATIONS.	580 946	2 864 833	475 043	2 369 734	72 117	358 958	3 135	15 401	16 433	60 249	14 218	59 691
GENERAL OFFICE CLERKS.	311 530	1 425 083	251 346	1 180 189	42 097	181 672	1 499	7 323	8 761	28 150	7 827	27 749
BANK TELLERS.	45 310	464 139	36 690	411 368	5 474	34 247	102	1 383	1 431	8 785	1 605	8 316
PROOFREADERS.	6 143	22 802	5 944	20 482	4 390	1 640	20	101	153	307	36	212
DATA-ENTRY KEYERS.	29 973	364 842	22 573	280 237	4 826	60 477	169	1 714	1 459	13 608	946	6 394
STATISTICAL CLERKS.	36 003	107 549	30 436	88 564	2 003	14 605	108	815	815	1 903	641	1 769
TEACHERS' AIDES.	16 183	199 346	11 096	151 547	3 192	34 381	337	2 582	765	2 22	775	8 806
ADMINISTRATIVE SUPPORT OCCUPATIONS, N.E.C.	135 824	280 072	117 350	237 277	12 135	31 486	900	1 648	3 049	5 276	2 390	4 385
SERVICE OCCUPATIONS.	5 585 360	8 020 694	4 320 713	6 126 079	893 140	1 502 133	41 769	63 920	134 516	141 727	195 242	146 835
PRIVATE HOUSEHOLD OCCUPATIONS.	29 494	597 451	17 120	316 124	9 812	246 320	250	3 605	1 158	8 187	1 154	23 215
LAUNDERERS AND IRONERS.	548	1 753	360	1 106	46	531	-	15	110	55	12	46
COOKS, PRIVATE HOUSEHOLD.	1 590	10 231	743	4 615	537	5 150	6	71	260	190	94	245
HOUSEKEEPERS AND BUTLERS.	2 489	64 531	1 346	34 275	881	25 236	26	414	1 117	1 613	119	4 991
CHILD CARE WORKERS, PRIVATE HOUSEHOLD.	4 130	155 785	3 379	132 218	558	17 159	28	972	82	1 037	83	3 599
PRIVATE HOUSEHOLD CLEANERS AND SERVANTS.	20 737	363 151	11 272	143 910	7 790	198 242	190	2 133	589	4 532	896	14 334
PROTECTIVE SERVICE OCCUPATIONS.	1 359 949	181 932	1 158 655	141 804	158 794	34 133	9 682	1 656	11 783	1 531	21 055	2 808
SUPERVISORS, PROTECTIVE SERVICE OCCUPATIONS.	92 010	4 171	64 214	3 234	5 951	756	438	91	734	-	671	75
SUPERVISORS, FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS.	20 750	109	19 849	93	514	10	133	-	173	-	81	6
SUPERVISORS, POLICE AND DETECTIVES.	49 561	1 745	46 089	1 320	2 584	336	231	37	307	-	350	52
SUPERVISORS, GUARDS.	21 899	2 317	18 276	1 821	2 655	410	74	54	254	15	240	17

Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980-Con.

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS; SEE TEXT 1)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN/ ESKIMO AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
SERVICE OCCUPATIONS--CON.												
PROTECTIVE SERVICE OCCUPATIONS--CON.												
FIREFIGHTING AND FIRE PREVENTION OCCUPATIONS.	211 403	9 293	192 974	3 747	12 983	333	1 573	114	1 458	11	2 495	38
FIRE INSPECTION AND FIRE PREVENTION OCCUPATIONS.	20 499	2 145	18 917	1 995	12 979	113	297	26	70	5	226	6
FIRE FIGHTING OCCUPATIONS.	190 994	2 098	174 057	1 752	12 004	220	1 276	88	1 388	6	2 269	32
POLICE AND DETECTIVES.	522 165	45 314	457 502	34 194	50 312	9 192	3 859	538	3 229	274	7 263	716
POLICE AND DETECTIVES, PUBLIC SERVICE SHERIFFS, BAILIFFS, AND OTHER LAW ENFORCEMENT OFFICERS.	390 921	24 846	349 456	18 936	31 289	4 964	2 785	326	2 585	154	4 806	468
CORRECTIONAL INSTITUTION OFFICERS.	54 714	7 901	48 864	6 459	4 314	1 298	399	39	264	35	873	70
GUARDS.	76 530	12 765	59 182	8 799	18 709	3 530	675	173	380	85	1 584	178
CROSSING GUARDS.	534 311	126 004	423 965	100 629	89 544	23 252	3 812	913	6 362	1 231	10 626	1 979
GUARDS AND POLICE, EXC. PUBLIC SERVICE.	12 805	33 777	11 070	27 674	1 457	5 419	28	158	105	69	145	457
PROTECTIVE SERVICE OCCUPATIONS, N.E.C.	499 152	77 882	353 596	57 580	85 988	17 115	3 586	687	5 950	1 097	10 032	1 359
	22 354	16 385	19 299	15 371	2 101	718	198	68	307	65	449	163
SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD.	95 917	7 241 311	3 144 938	5 668 151	724 534	1 221 680	31 637	98 659	121 575	132 009	173 033	160 812
FOOD PREPARATION AND SERVICE OCCUPATIONS.	94 891	3 185 213	1 273 432	4 761 891	203 841	341 811	9 645	23 210	80 269	63 387	77 504	54 914
SUPERVISORS, FOOD PREP. & SERVICE OCCUPATIONS.	11	142 280	80 900	123 852	12 791	12 604	353	680	7 703	3 072	3 744	2 072
BARTENDERS.	177 283	191 142	140 774	133 272	8 434	3 375	885	1 471	3 753	1 807	3 477	1 217
WAITERS AND WAITRESSES.	160 165	1 325 928	138 913	1 212 870	17 909	61 058	666	7 749	13 971	26 852	8 706	17 399
COOKS, EXCEPT SHORT ORDER.	578 320	771 876	429 310	582 166	83 292	153 457	3 816	7 658	34 293	12 741	27 609	15 854
SHORT-ORDER COOKS.	49 916	30 826	41 049	24 409	6 582	5 370	266	214	850	385	1 169	448
FOOD COUNTER, FOUNTAIN AND RELATED OCCUPATIONS.	40 098	171 867	32 945	149 159	4 426	14 280	212	951	1 143	3 831	1 372	3 684
KITCHEN WORKERS, FOOD PREPARATION.	23 215	83 394	17 541	63 426	3 408	16 258	78	489	759	1 561	1 349	1 660
WAITERS/WAITRESSES, ASSISTANTS.	71 262	121 927	134 539	98 040	18 401	17 533	864	506	6 362	2 632	11 116	3 216
MISCELLANEOUS FOOD PREPARATION OCCUPATIONS.	319 111	394 971	237 661	314 677	48 518	57 876	2 535	3 492	11 435	10 506	18 962	9 400
HEALTH SERVICE OCCUPATIONS.	217 030	1 611 254	143 689	1 168 875	60 923	376 863	1 889	13 394	4 834	23 901	5 695	30 204
DENTAL ASSISTANTS.	3 294	154 823	2 578	142 404	429	6 337	14	891	208	2 334	65	2 857
HEALTH AIDES, EXCEPT NURSING.	45 375	246 674	31 820	193 792	10 161	42 988	435	1 541	1 487	3 713	1 472	5 040
NURSING AIDES, ORDERLIES, AND ATTENDANTS.	166 351	1 209 757	109 291	831 676	50 333	327 556	1 440	10 962	3 139	17 854	4 158	22 307
CLEANING AND BUILDING SERVICE OCCUPATIONS, EXCEPT HOUSEHOLD.	1 930 692	1 049 412	1 406 675	651 328	402 958	324 75	16 828	10 381	27 301	22 368	76 930	40 930
SUPERVISORS, CLEANING AND BLDG. SERVICE WORKERS.	85 593	33 226	65 826	21 790	14 047	9 411	540	220	856	780	2 324	1 025
MAIDS AND HOUSEMEN.	143 281	510 277	96 439	296 953	51 435	172 267	1 140	5 418	3 938	13 642	10 329	21 991
JANITORS AND CLEANERS.	1 631 534	498 623	1 202 548	328 189	330 116	140 154	14 881	4 687	21 758	7 852	62 231	17 741
ELEVATOR OPERATORS.	16 869	5 113	11 616	2 601	3 809	2 324	47	27	228	22	1 169	139
PEST CONTROL OCCUPATIONS.	35 415	2 173	30 244	1 795	3 551	249	220	29	521	72	877	28
PERSONAL SERVICE OCCUPATIONS.	403 304	1 395 432	320 942	1 148 040	56 812	178 581	3 475	11 674	9 171	22 353	12 904	34 764
SUPERVISORS, PERSONAL SERVICE OCCUPATIONS.	16 293	12 797	14 303	11 353	1 277	951	86	47	347	195	280	161
BARBERS.	90 939	14 521	77 522	11 938	9 753	1 637	453	149	834	535	2 377	261
HAIRDRESSERS AND COSMETOLOGISTS.	68 069	490 785	60 340	437 933	4 444	33 623	407	2 220	1 009	7 040	2 268	9 369
ATTENDANTS, AMUSEMENT AND RECREATION FACILITIES.	54 768	40 155	34 886	33 398	6 434	4 152	555	427	1 414	1 486	1 479	692
GUIDES.	11 998	15 013	9 093	13 046	1 387	1 741	125	79	1 127	975	365	172
USHERS.	16 318	7 716	14 149	6 437	1 455	930	42	49	332	180	340	120
PUBLIC TRANSPORTATION ATTENDANTS.	15 280	54 681	10 546	47 819	3 363	4 688	102	159	748	1 417	521	550
BAGGAGE PORTERS AND BELLHOPS.	19 980	1 510	11 486	979	6 768	396	84	17	859	61	763	57
WELFARE SERVICE AIDES.	7 075	53 730	4 233	31 303	1 794	18 525	314	697	224	687	510	2 518
CHILD CARE WORKERS, EXCEPT PRIVATE HOUSEHOLD.	41 872	570 794	28 130	452 893	9 839	87 291	904	6 869	903	6 400	2 096	17 341
PERSONAL SERVICE OCCUPATIONS, N.E.C.	50 312	132 860	36 254	100 961	10 317	24 647	403	961	1 374	2 776	1 964	3 515
FARMING, FORESTRY, AND FISHING OCCUPATIONS.	2 581 13	451 251	2 217 615	377 104	180 208	32 509	20 383	3 308	31 845	7 972	130 962	30 355
FARM OPERATORS AND MANAGERS.	1 184 637	130 136	1 144 098	124 007	24 007	3 499	3 257	585	6 728	1 354	6 547	691
FARMERS, EXCEPT HORTICULTURAL.	1 032 759	111 944	1 007 839	108 560	14 503	1 608	2 731	478	4 585	895	3 501	403
HORTICULTURAL SPECIALTY FARMERS.	11 589	2 256	10 451	2 982	644	46	42	7	261	102	191	19
MANAGERS, FARMS, EXCEPT HORTICULTURAL.	127 216	13 363	115 685	11 202	7 324	1 601	392	86	1 522	239	2 293	235
MANAGERS, HORTICULTURAL SPECIALTY FARMS.	13 073	2 573	10 523	2 163	1 536	244	92	14	116	118	562	34
FARM OCCUPATIONS, EXCEPT MANAGERIAL.	758 080	217 597	564 533	165 994	79 112	21 240	7 608	1 543	4 754	1 229	95 481	24 366
SUPERVISORS, FARM WORKERS.	44 769	9 021	35 688	6 973	2 558	1 319	450	78	1 229	221	4 737	430
FARM WORKERS.	694 666	192 432	514 797	145 400	75 506	18 911	7 077	1 347	9 380	3 783	87 906	22 991
MARINE LIFE CULTIVATION WORKERS.	613	720	515	363	32	122	24	12	33	198	9	29
NURSERY WORKERS.	18 012	15 724	13 523	13 258	919	880	57	106	524	556	2 989	916

Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980-Con.

(DATA BASED ON SAMPLE. SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
FARMING, FORESTRY, AND FISHING OCCUPATIONS--CON.												
RELATED AGRICULTURAL OCCUPATIONS	436 316	90 765	338 610	77 107	59 001	6 169	4 403	704	12 798	1 705	26 596	5 080
SUPERVISORS, RELATED AGRICULTURAL OCCUPATIONS	19 335	1 617	17 549	1 333	928	215	166	6	167	16	525	47
GROUNDSCAPEKEEPERS AND GARDENERS, EXCEPT FARM	382 250	30 357	292 867	24 010	49 153	3 870	3 973	401	12 112	851	24 153	1 205
ANIMAL CARETAKERS, EXCEPT FARM	29 300	42 172	24 644	40 397	3 384	871	160	190	334	334	869	380
GRADERS AND SORTERS, AGRICULTURAL PRODUCTS	4 476	16 423	2 774	11 208	436	1 173	95	107	151	497	1 020	3 438
INSPECTORS, AGRICULTURAL PRODUCTS	947	196	776	159	100	33	0	0	33	7	29	10
FORESTRY AND LOGGING OCCUPATIONS	192 054	8 381	117 211	6 635	19 699	1 190	3 265	311	314	77	1 415	168
SUPERVISORS, FORESTRY AND LOGGING WORKERS	8 385	272	7 622	245	676	6	181	4	22	0	54	0
FORESTRY WORKERS, EXCEPT LOGGING	22 837	5 216	19 121	4 152	2 167	648	751	216	121	52	677	148
TIMBER CUTTING AND LOGGING OCCUPATIONS	110 832	2 888	90 468	2 210	17 206	534	2 333	91	171	25	654	20
FISHERS, HUNTERS, AND TRAPPERS	59 946	4 072	53 163	3 361	3 239	411	1 850	165	931	82	763	53
CAPTAINS AND OTHER OFFICERS, FISHING VESSELS	6 075	259	6 336	221	194	23	131	2	94	13	120	0
FISHERS	51 137	3 563	45 017	1 937	3 005	366	1 651	151	837	69	627	40
HUNTERS AND TRAPPERS	1 934	250	1 810	203	90	22	68	12	0	0	16	13
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS	12 698 566	1 055 961	11 206 092	861 355	810 170	121 393	79 756	8 117	119 224	29 548	283 374	35 548
MECHANICS AND REPAIRERS	3 847 955	134 560	3 462 223	110 794	243 168	17 849	21 083	930	41 892	2 004	79 589	2 979
SUPERVISORS, MECHANICS AND REPAIRERS	157 181	4 749	140 457	9 153	5 129	384	667	40	1 257	101	1 651	69
MECHANICS AND REPAIRERS, EXCEPT SUPERVISORS	3 690 774	129 811	3 321 766	106 639	238 039	17 465	20 396	890	40 635	1 903	77 938	2 910
VEHICLE AND MOBILE EQUIPMENT MECHS. & REPAIRERS	1 658 236	21 793	1 478 370	17 740	108 596	3 037	10 178	177	19 969	342	41 183	439
AUTOMOBILE MECHANICS, EXC. APPRENTICES	948 350	12 025	839 605	9 837	66 729	1 704	5 583	69	12 240	182	24 201	233
AUTOMOBILE MECHANIC APPRENTICES	4 031	90	3 421	93	407	6	39	0	70	0	94	0
BUS, TRUCK, AND STATIONARY ENGINE MECHANICS	152 862	1 126	136 795	959	10 889	118	908	11	1 254	11	3 016	29
AIRCRAFT ENGINE MECHANICS	94 915	2 407	84 203	1 811	5 820	452	712	27	2 202	38	1 978	69
SMALL ENGINE REPAIRERS	35 713	631	33 649	572	1 142	41	211	0	910	5	301	13
AUTOMOBILE BODY AND RELATED REPAIRERS	205 450	2 372	182 165	1 944	12 725	298	1 196	15	2 142	83	7 222	32
AIRCRAFT MECHANICS, EXC. ENGINE	14 209	1 333	12 577	1 081	883	186	74	35	239	13	436	10
HEAVY EQUIPMENT MECHANICS	157 266	1 322	143 430	1 088	8 719	204	1 132	5	1 135	6	2 850	19
FARM EQUIPMENT MECHANICS	45 432	476	42 525	413	1 282	28	263	5	277	4	1 085	26
INDUSTRIAL MACHINERY REPAIRERS	472 288	14 895	427 310	12 308	31 430	2 084	2 413	119	3 290	73	7 845	311
MACHINERY MAINTENANCE OCCUPATIONS	45 307	1 805	38 796	1 519	4 805	707	413	17	355	18	938	44
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	506 461	50 669	542 620	41 623	33 495	6 680	2 537	299	8 031	905	9 770	1 162
ELECTRONIC REPAIRERS, COMMUNICATIONS, AND INDUSTRIAL EQUIPMENT	156 944	8 377	142 028	6 992	8 519	987	825	47	2 933	106	2 439	165
DATA PROCESSING EQUIPMENT REPAIRERS	43 329	3 932	39 388	3 367	2 434	399	158	5	790	97	579	64
HOUSEHOLD APPLIANCE AND POWER TOOL REPAIRERS	80 291	2 483	74 315	2 130	3 425	234	279	10	968	33	1 304	76
TELEPHONE LINE INSTALLERS AND REPAIRERS	59 363	3 243	54 106	2 781	3 493	351	313	22	411	31	1 040	58
TELEPHONE INSTALLERS AND REPAIRERS	226 960	29 619	206 131	23 855	13 836	4 416	854	196	2 471	448	3 666	704
MISCELLANEOUS ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	29 579	3 015	26 652	2 498	1 788	293	126	19	458	110	550	95
HEATING, AIR CONDITIONING, & REFRIG. MECHS.	150 170	1 525	137 931	1 195	7 271	262	672	26	1 390	5	2 906	37
MISCELLANEOUS MECHANICS AND REPAIRERS	768 312	39 124	688 739	32 196	52 442	5 195	4 243	252	7 600	564	15 288	917
CAMERA, WATCH, & MUSICAL INSTR. REPAIRERS	35 745	4 821	32 832	3 811	1 303	662	66	39	803	171	741	138
LOCKSMITHS AND SAFE REPAIRERS	17 981	1 346	16 446	1 196	823	105	61	0	253	27	398	16
OFFICE MACHINE REPAIRERS	36 950	2 646	33 104	1 742	2 194	191	239	21	669	41	744	51
MECHANICAL CONTROLS AND VALVE REPAIRERS	27 290	1 082	23 584	884	2 549	149	212	3	142	7	753	39
ELEVATOR INSTALLERS AND REPAIRERS	20 377	395	18 892	271	920	124	60	0	268	0	248	0
MILLWRIGHTS	129 660	4 816	121 106	3 886	6 255	657	668	24	359	69	1 272	180
SPECIFIED MECHANICS AND REPAIRERS, N.E.C.	293 591	16 168	262 685	13 338	20 729	2 199	1 571	113	2 925	137	5 681	321
NOT SPECIFIED MECHANICS AND REPAIRERS	206 768	8 910	180 090	7 468	17 660	1 108	1 366	52	2 261	112	5 451	170

Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980-Con.

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS--CON.												
CONSTRUCTION TRADES	4 712 023	102 094	4 220 780	84 733	311 983	12 546	38 070	1 392	33 214	1 198	108 976	2 228
SUPERVISORS, CONSTRUCTION OCCUPATIONS	777 628	13 204	726 801	11 570	30 710	1 187	4 303	118	4 708	147	11 106	162
SUPERVISORS, BRICKMASTERS, STONEMASONS, AND TILE SETTERS	5 005	43	4 565	43	25	-	22	-	32	-	127	-
SUPERVISORS, CARPENTERS AND RELATED WORKERS	35 553	252	33 761	209	199	28	172	-	276	-	545	19
SUPERVISORS, ELECTRICIANS AND POWER TRANSMISSION INSTALLERS	38 547	459	35 166	406	648	32	121	-	309	8	363	13
SUPERVISORS, PAINTERS, PAPERHANGERS, AND PLASTERERS	10 655	161	9 736	131	407	30	85	-	102	-	325	-
SUPERVISORS, PLUMBERS, PIPEFITTERS, AND STEAMFITTERS	17 391	94	16 654	94	302	69	69	-	133	-	233	-
SUPERVISORS, N.E.C.	672 477	12 195	626 919	10 707	28 295	1 101	3 834	118	3 856	139	9 573	130
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	3 934 395	88 890	3 493 979	73 140	280 273	11 359	33 767	1 274	28 506	1 051	97 870	2 066
BRICKMASTERS & STONEMASONS, EXCEPT APPRENTICES	202 971	2 278	184 995	1 688	30 063	492	1 523	29	1 421	10	4 959	55
BRICKMASON AND STONEMASON APPRENTICES	3 135	142	2 401	111	457	16	18	-	20	-	39	8
TILE SETTERS, HARD AND SOFT	31 897	441	28 084	532	2 264	77	161	-	264	-	1 164	32
CARPET INSTALLERS	86 334	1 493	77 813	1 288	4 573	120	633	17	467	41	2 848	27
CARPENTERS, EXCEPT APPRENTICES	1 275 666	20 225	1 162 819	16 647	64 097	2 546	12 205	297	9 075	253	27 560	482
CARPENTER APPRENTICES	9 281	604	8 091	567	689	93	128	9	97	12	276	15
DAYWALL INSTALLERS	95 170	2 130	85 825	1 878	3 661	198	1 170	6	574	15	3 740	13
ELECTRICIANS, EXCEPT APPRENTICES	594 781	12 171	549 644	9 751	28 448	1 712	3 460	171	5 520	207	7 709	330
ELECTRICIAN APPRENTICES	17 833	1 028	16 091	877	1 012	110	182	-	97	21	451	20
ELECTRICAL POWER INSTALLERS AND REPAIRERS	103 062	1 801	94 134	1 426	6 536	279	665	26	373	14	1 354	58
PAINTERS, CONSTRUCTION AND MAINTENANCE	398 079	24 391	336 027	20 406	38 767	2 715	3 158	357	3 463	247	16 264	666
PAPERHANGERS	18 106	3 129	13 215	3 024	576	36	54	27	75	19	186	23
PLASTERERS	28 360	540	21 801	367	4 531	140	266	8	227	9	1 535	16
PLUMBERS, PIPEFITTERS, & STEAMFITTERS, EXCEPT APPRENTICES	483 423	6 221	435 207	4 983	32 175	966	3 303	81	2 875	65	9 773	126
PLUMBER, PIPEFITTER, & STEAMFITTER APPRENTICES	12 000	360	11 016	330	571	17	113	7	110	-	190	6
CONCRETE AND TERRAZZO FINISHERS	74 498	856	51 288	471	17 062	314	836	17	395	5	4 917	49
GLAZIERS	32 024	1 516	29 436	1 320	1 242	158	186	6	329	-	831	32
INSULATION WORKERS	59 678	2 386	48 361	1 919	3 930	375	425	30	330	18	1 612	44
PAVING, SURFACING, AND TAMPING EQUIPMENT OPERATORS	7 325	235	5 692	210	1 251	19	78	6	20	-	284	-
ROOFERS	126 025	1 383	104 594	1 083	14 042	282	1 582	49	751	22	5 056	27
SHEETMETAL DUCT INSTALLERS	28 602	420	26 916	373	740	28	149	8	264	-	533	13
STRUCTURAL METAL WORKERS	88 164	1 067	80 230	834	4 498	171	1 313	21	520	37	1 603	-
DRILLERS, EARTH	23 503	507	21 639	453	1 216	54	202	-	65	-	381	-
CONSTRUCTION TRADES, N.E.C.	143 478	3 278	118 390	2 682	17 762	441	1 957	80	774	49	4 595	26
EXTRACTIVE OCCUPATIONS	306 405	7 182	283 809	6 040	11 829	834	3 440	171	506	23	6 821	114
SUPERVISORS, EXTRACTIVE OCCUPATIONS	80 870	1 755	77 917	1 616	1 546	86	556	11	119	14	916	28
DRILLERS, OIL WELLS	13 328	936	67 453	1 811	2 558	95	1 025	11	111	-	2 141	19
EXPLOSIVE WORKERS	10 661	341	9 147	270	975	55	129	16	43	-	387	-
MINING MACHINE OPERATORS	40 863	2 751	43 266	2 260	3 863	355	1 184	98	110	9	2 040	29
MINING OCCUPATIONS, N.E.C.	51 083	1 399	46 026	1 083	3 069	243	546	35	83	-	1 359	38
PRECISION PRODUCTION OCCUPATIONS	3 632 183	812 125	3 239 230	659 791	244 190	90 164	17 163	5 624	43 612	26 319	87 988	30 227
SUPERVISORS, PRODUCTION OCCUPATIONS	1 405 489	282 570	1 434 885	240 259	100 948	27 836	4 368	1 568	13 335	4 207	28 957	8 760
PRECISION METAL WORKING OCCUPATIONS	973 998	66 029	880 252	52 268	55 204	9 134	5 381	741	10 987	1 335	21 674	2 551
TOOL AND DIE MAKERS, EXCEPT APPRENTICES	182 823	3 187	173 900	2 651	5 661	379	391	36	917	48	1 865	73
TOOL AND DIE MAKER APPRENTICES	7 563	317	7 101	257	319	60	8	-	45	-	90	-
PRECISION ASSEMBLERS, METAL	17 724	5 937	14 784	4 458	1 783	684	148	56	254	89	755	356
MACHINISTS, EXCEPT APPRENTICES	500 294	25 860	448 837	19 275	33 388	6 032	2 516	186	6 778	439	12 775	1 028
MACHINIST APPRENTICES	7 775	444	7 072	405	448	39	46	-	70	-	139	-
BOILERMAKERS	36 622	587	33 777	402	2 184	158	397	-	264	-	500	27
PRECISION GRINDERS, FITTERS, & TOOL SHARPENERS	18 407	1 162	17 550	974	597	110	117	17	83	40	226	21
PATTERNMAKERS AND MODEL MAKER, METAL	18 409	2 010	17 479	1 675	612	99	86	5	89	133	143	98
LAYOUT WORKERS	20 522	2 381	18 975	1 930	2 725	389	114	11	390	19	318	32
PRECIOUS STONES AND METALS WORKERS (JEWELERS)	25 603	12 360	21 806	10 167	934	715	396	863	448	1 640	643	443
ENGRAVERS, METAL	9 503	5 848	8 721	5 233	376	403	29	8	207	37	176	183
SHEET METAL WORKERS, EXCEPT APPRENTICES	128 162	5 191	115 065	4 235	5 977	770	927	31	1 215	70	2 978	85
SHEET METAL WORKER APPRENTICES	604	133	549	95	38	32	4	-	5	-	8	-
MISCELLANEOUS PRECISION METAL WORKERS	1 787	607	1 555	511	168	64	4	-	7	12	461	20

28 Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980-Con.

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS; SEE TEXT 1)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC-ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS--CON.												
PRECISION PRODUCTION OCCUPATIONS--CON.												
PRECISION WOODWORKING OCCUPATIONS	101 661	16 770	91 138	13 584	6 187	2 551	390	134	950	148	3 026	351
PATTERNMAKERS AND MODEL MAKERS, WOOD	4 452	128	4 324	119	57	3	8	-	36	-	37	6
CABINET MAKERS AND BENCH CARPENTERS	70 926	5 910	64 734	5 042	3 249	565	286	57	626	41	2 031	204
FURNITURE AND WOOD FINISHERS	22 423	9 535	18 627	7 397	2 595	1 889	77	77	265	54	859	116
MISCELLANEOUS PRECISION WOODWORKERS	3 850	1 197	3 453	1 028	256	93	19	-	23	53	99	23
PRECISION TEXTILE, APPAREL, AND FURNISHINGS MACHINE WORKERS	125 971	153 695	101 913	121 992	12 290	16 266	662	1 007	2 495	8 225	8 591	6 115
DRESSMAKERS	6 805	97 154	4 854	75 392	1 093	10 585	55	795	241	6 310	542	4 072
TAILORS	37 547	24 458	29 217	19 165	4 158	2 766	119	115	1 144	1 304	2 929	1 108
UPHOLSTERERS	54 435	14 460	48 300	12 765	4 488	1 266	363	70	547	108	3 752	223
SHOE REPAIRERS	21 903	9 691	17 923	8 494	2 260	1 645	99	52	465	110	1 156	388
APPAREL AND FABRIC PATTERNMAKERS	2 000	2 197	1 851	1 874	49	105	-	-	51	139	69	79
MISC. PRECISION APPAREL AND FABRIC WORKERS	3 241	5 755	2 786	4 300	242	899	43	57	47	254	127	245
PRECISION WORKERS, ASSORTED MATERIALS	174 411	152 731	146 981	120 363	14 595	14 204	836	1 251	5 634	9 239	4 565	7 474
NAID HOLDERS AND SHAPERS, EXCEPT JEWELERS	31 479	5 444	24 441	4 405	5 057	716	292	64	190	75	1 589	164
PATTERNMAKERS, LAY-OUT WORKERS, AND CUTTERS	7 182	2 208	6 645	1 829	332	164	23	35	36	98	147	84
OPTICAL GOODS WORKERS	27 861	19 011	25 512	17 213	1 129	859	101	98	570	426	549	413
DENTAL LAB. & MEDICAL APPLIANCE TECHNICIANS	33 006	15 740	28 256	13 704	1 848	988	139	110	1 779	572	984	366
BOOKBINDERS	13 164	17 644	11 361	14 825	1 103	1 935	26	102	217	212	457	570
ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLERS	27 256	85 282	20 414	62 284	2 728	8 668	171	789	2 403	7 753	1 540	5 788
MISCELLANEOUS PRECISION WORKERS, N.E.C.	34 463	7 382	30 152	6 103	2 398	874	179	55	440	101	1 299	249
PRECISION FOOD PRODUCTION OCCUPATIONS	337 587	100 933	283 724	79 423	31 603	14 878	1 603	414	5 874	2 413	14 783	3 463
BUTCHERS AND MEAT CUTTERS	251 489	42 957	213 935	30 118	21 581	9 386	1 231	348	4 274	1 158	10 468	1 927
BAKERS	69 321	47 649	56 031	41 480	3 264	4 084	271	193	1 361	891	3 370	1 001
FOOD BATCHMAKERS	16 777	10 327	13 758	7 825	1 734	1 408	101	55	239	364	945	475
PRECISION INSPECTORS, TESTERS, & RELATED WORKERS	75 197	29 956	67 372	23 987	4 736	4 013	288	145	1 420	696	1 291	1 115
INSPECTORS, TESTERS, & GRADEURS	74 030	27 359	66 380	22 182	4 677	3 419	288	130	1 414	667	1 271	961
ADJUSTERS AND CALIBRATORS	1 077	2 597	992	1 805	50	594	-	15	4	29	40	154
PLANT AND SYSTEM OPERATORS	237 759	9 441	211 465	7 913	14 457	1 282	1 619	72	2 917	56	3 101	118
WATER AND SEWAGE TREATMENT PLANT OPERATORS	32 233	1 062	28 537	918	2 749	118	246	4	271	4	430	16
POWER PLANT OPERATORS	26 393	1 357	24 214	1 123	1 612	291	219	7	208	5	140	21
STATIONARY ENGINEERS	129 221	4 169	115 219	3 570	9 460	475	742	32	2 085	35	1 495	57
MISCELLANEOUS PLANT AND SYSTEM OPERATORS	49 912	2 853	43 495	2 302	4 616	488	412	27	353	12	1 036	24
OPERATORS, FABRICATORS, AND LABORERS	14 501 489	5 486 496	11 739 963	4 221 793	2 008 338	880 767	103 205	34 946	138 184	120 840	511 799	224 140
MACHINE OPERATORS, ASSEMBLERS, & INSPECTORS	5 979 555	4 102 014	4 842 476	3 128 790	750 794	668 200	35 851	26 153	68 840	102 586	241 594	176 283
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION	3 862 464	2 581 581	3 187 387	2 022 190	530 739	454 523	21 242	16 965	42 885	49 499	140 211	118 404
METALWORKING & PLASTIC WORKING MACH. OPERATORS	648 729	144 609	557 685	119 685	62 263	19 249	3 112	741	5 107	1 249	20 582	3 685
LATHE AND TURNING MACHINE SET-UP OPERATORS	52 354	3 578	47 139	3 056	3 506	387	210	14	298	21	1 201	160
LATHE AND TURNING MACHINE OPERATORS	109 024	10 574	100 953	9 202	4 981	1 050	382	50	939	101	2 159	171
MILLING AND PLANING MACHINE OPERATORS	19 743	1 956	18 001	1 727	981	157	82	35	280	23	399	16
PUNCHING AND STAMPING PRESS MACHINE OPERATORS	120 535	56 791	100 586	47 485	14 125	7 334	700	206	839	299	4 276	1 457
ROLLING MACHINE OPERATORS	17 502	2 219	14 774	1 842	2 194	276	50	19	33	27	436	55
DRILLING AND BORING MACHINE OPERATORS	52 734	14 272	47 896	12 121	3 310	1 580	229	83	422	162	1 077	326
GRINDING, ABRADING, BUFFING, AND POLISHING MACHINE OPERATORS	230 924	48 923	189 082	39 143	28 346	7 455	1 274	301	2 127	540	10 091	1 484
FORGING MACHINE OPERATORS	14 788	1 103	12 619	868	1 598	212	65	8	105	2	401	13
NUMERICAL CONTROL MACHINE OPERATORS	2 572	229	2 262	220	192	5	6	-	-	-	112	4
MISCELLANEOUS METAL, PLASTIC, STONE, AND GLASS WORKING MACHINE OPERATORS	28 553	4 964	24 541	4 021	3 424	793	94	27	64	74	430	49
FABRICATING MACHINE OPERATORS, N.E.C.	22 895	12 337	19 298	10 523	2 283	1 393	121	42	186	80	1 007	259
METAL AND PLASTIC PROCESSING MACHINE OPERATORS	178 174	64 504	144 362	53 033	23 449	9 146	970	377	1 531	537	7 842	1 411
MOLDING AND CASTING MACHINE OPERATORS	103 617	54 660	85 603	44 969	12 971	7 892	506	288	737	439	3 600	1 072
METAL PLATING MACHINE OPERATORS	37 150	6 709	29 427	5 660	4 403	684	235	60	479	54	2 614	251
HEAT TREATING EQUIPMENT OPERATORS	23 521	1 402	19 591	1 117	3 060	235	83	16	149	7	634	27
MISCELLANEOUS METAL AND PLASTIC PROCESSING MACHINE OPERATORS	13 878	1 733	9 759	1 287	3 015	335	146	13	166	37	792	61

Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980-Con.

(DATA BASED ON SAMPLE, SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
CIVILIAN LABOR FORCE, 16 YEARS AND OVER-- CON.												
OPERATORS, FABRICATORS, AND LABORERS--CON.												
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS--CON.												
MACHINE OPERATORS AND TENDERS, EXCEPT PRECISION-- CON.												
WOODWORKING MACHINE OPERATORS	138 382	23 590	116 026	19 205	16 795	3 283	1 503	221	821	255	3 234	650
WOOD LATHE, ROUTING, & PLANING MACH. OPERATORS	7 337	841	6 487	709	585	112	61	-	36	4	168	16
SAWING MACHINE OPERATORS	95 014	12 453	79 929	10 223	12 269	1 630	1 180	153	509	168	2 067	279
SHAPING AND JOINING MACHINE OPERATORS	5 705	3 677	4 646	2 973	819	512	21	36	35	58	149	98
MAILING AND TACKING MACHINE OPERATORS	3 109	1 635	2 553	1 313	312	234	23	-	13	-	208	88
MISCELLANEOUS WOODWORKING MACHINE OPERATORS	26 317	4 084	22 411	3 987	2 813	165	258	38	228	25	607	169
PRINTING MACHINE OPERATORS	323 023	119 376	286 387	105 985	23 334	9 325	1 339	511	2 939	1 481	8 024	2 074
PRINTING MACHINE OPERATORS	249 019	50 482	217 947	42 559	19 897	5 890	1 044	240	3 129	644	7 092	1 239
PHOTOENGRAVERS AND LITHOGRAPHERS	20 958	5 059	19 678	4 573	712	312	72	-	245	92	251	63
TYPESETTERS AND COMPOSITORS	31 205	39 310	29 214	37 133	1 182	1 319	116	132	377	370	316	356
MISCELLANEOUS PRINTING MACHINE OPERATORS	21 841	24 525	19 548	21 720	1 543	1 894	107	120	188	375	455	416
TEXTILE, APPAREL, & FURNISHING MACH. OPERATORS	303 462	1 328 580	216 391	962 823	61 217	242 103	1 678	8 838	6 515	50 698	17 661	64 018
WINDING AND TWISTING MACHINE OPERATORS	27 637	83 775	20 853	61 364	6 309	21 197	118	-	428	84	213	303
KNITTING, LOOPING, TAPING, AND WEAVING MACHINE OPERATORS	26 330	567	20 233	35 666	5 032	11 122	135	853	208	480	722	446
TEXTILE CUTTING MACHINE OPERATORS	4 864	-	3 535	3 243	840	834	42	39	51	99	346	211
TEXTILE SEWING MACHINE OPERATORS	63 624	860 448	35 237	634 965	8 932	125 922	304	5 316	2 032	44 535	7 119	50 110
SHOE MACHINE OPERATORS	19 915	56 530	17 593	50 830	1 208	3 978	89	278	54	405	978	1 041
PRESSING MACHINE OPERATORS	26 716	60 571	15 028	44 324	7 334	29 963	127	545	1 629	1 320	2 598	4 419
LAUNDERING AND DRY CLEANING MACHINE OPERATORS	65 388	121 651	46 405	80 454	13 288	31 032	406	1 127	2 025	2 919	3 264	6 125
MISCELLANEOUS TEXTILE MACHINE OPERATORS	78 088	72 216	57 457	51 977	16 217	18 055	457	364	432	457	2 425	1 363
MACHINE OPERATORS, ASSORTED MATERIALS	2 247 799	986 585	1 767 238	750 936	341 395	170 054	12 519	6 089	29 785	15 199	101 861	46 307
CEMENTING AND GLUING MACHINE OPERATORS	19 158	17 378	14 900	13 962	3 100	2 522	172	166	130	177	856	551
PACKAGING AND FILLING MACHINE OPERATORS	56 118	65 029	42 924	48 461	8 755	10 134	307	580	902	1 685	3 225	3 769
EXTRUDING AND FORMING MACHINE OPERATORS	21 559	3 537	18 957	2 898	1 794	464	104	56	132	50	568	69
MIXING AND BLENDING MACHINE OPERATORS	99 328	12 268	78 610	9 501	17 687	2 096	485	105	967	254	3 179	312
SEPARATING, FILTERING, AND CLARIFYING MACHINE OPERATORS	66 374	6 180	56 337	4 493	8 045	1 308	392	56	453	65	1 197	260
COMPRESSING & COMPACTING MACHINE OPERATORS	15 857	6 761	12 195	5 277	2 977	1 134	94	33	141	69	452	248
PAINTING AND PAINT SPRAYING MACH. OPERATORS	143 719	27 419	116 807	22 123	16 130	3 754	872	165	1 384	313	7 946	1 064
ROASTING & BAKING MACH. OPERATORS, FOOD	6 178	1 044	4 965	809	1 013	193	22	14	34	22	144	6
WASHING, CLEANING, & PICKLING MACHINE OPERATORS	6 99	2 295	5 521	1 631	1 119	481	46	17	76	54	228	110
FOLDING MACHINE OPERATORS	15 292	20 953	10 132	15 516	2 307	3 901	36	109	133	259	684	668
FURNACE, KILN, AND OVEN OPERATORS, EXCEPT FOOD	146 322	7 473	119 766	5 907	21 638	1 295	718	61	769	84	3 431	126
CRUSHING AND GRINDING MACHINE OPERATORS	48 112	4 466	38 013	3 484	7 813	1 004	351	70	305	85	1 630	255
SLICING AND CUTTING MACHINE OPERATORS	149 231	61 462	119 942	47 549	10 625	9 323	962	478	1 322	938	7 380	3 174
MOTION PICTURE PROJECTIONISTS	13 119	1 326	12 010	1 190	713	71	66	4	177	28	153	53
PHOTOGRAPHIC PROCESS MACHINE OPERATORS	42 149	48 894	35 798	42 462	3 613	4 220	200	326	1 446	814	1 092	1 072
MISC. AND NOT SPECIFIED MACHINE OPERATORS	1 400 296	102 602	1 082 163	525 673	224 282	179 154	7 740	3 891	16 415	10 304	69 696	34 580
OCCUPATION:												
MISCELLANEOUS MACHINE OPERATORS, N.E.C.	467 095	231 591	375 379	179 101	64 302	38 394	2 626	1 578	5 065	3 706	19 723	9 016
MACHINE OPERATORS, NOT SPECIFIED	933 201	471 011	706 784	346 572	159 980	89 760	5 114	2 517	11 350	6 598	49 973	25 564
INDUSTRY:												
MANUFACTURING	1 194 211	622 810	924 902	487 055	189 306	112 015	6 060	3 304	13 477	8 947	60 466	31 489
NONDURABLE GOODS	450 403	276 725	344 244	205 538	77 054	51 222	2 451	1 454	4 627	3 979	22 027	14 532
DURABLE GOODS	743 808	346 085	580 658	261 517	112 252	60 793	3 609	1 850	8 850	4 968	38 439	16 957
NONMANUFACTURING INDUSTRIES	206 085	79 792	157 261	58 618	34 974	16 139	1 080	587	2 938	1 357	9 230	3 091
FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS	1 679 606	952 527	1 361 467	733 856	214 536	147 792	12 278	6 209	20 536	24 496	70 791	40 172
WELDERS AND CUTTERS	744 585	46 943	625 453	35 524	76 240	8 613	7 187	1 345	7 313	507	28 412	1 454
SOLDERERS AND BRAZERS	7 409	26 457	5 963	21 199	590	2 992	23	192	165	684	728	1 390
ASSEMBLERS	850 542	681 158	472 429	646 356	130 194	131 517	4 532	5 276	12 154	22 289	38 829	35 720
HAND CUTTING AND TRIMMING OCCUPATIONS	11 026	6 956	8 679	4 830	1 391	1 201	85	41	202	499	671	376
HAND MOLDING, CASTING, AND FORMING OCCUPATIONS	12 127	6 198	9 992	5 358	1 395	1 527	81	58	119	69	540	186
HAND PAINTING, COATING, & DECORATING OCCUPATIONS	29 670	11 285	25 039	9 306	2 970	1 298	256	106	460	137	945	300
HAND ENGRAVING AND PRINTING OCCUPATIONS	1 463	679	1 551	569	102	65	9	11	-	53	21	21
HAND GRINDING AND POLISHING OCCUPATIONS	2 027	831	1 596	598	252	109	16	14	35	44	126	66
MISCELLANEOUS HAND WORKING OCCUPATIONS	12 697	12 560	10 605	10 039	1 398	1 470	89	166	80	234	517	651
PRODUCTION INSPS., TESTERS, SAMPLERS, AND WEIGHERS	437 883	407 966	373 622	372 742	45 519	65 885	2 337	2 979	5 419	8 593	10 592	17 707
PRODUCTION INSPECTORS, CHECKERS, AND EXAMINERS	308 489	375 129	300 883	304 432	35 003	52 821	1 608	2 188	3 935	5 068	7 060	9 870
PRODUCTION TESTERS	39 631	19 361	34 365	15 714	3 387	2 481	164	81	664	486	851	597
PRODUCTION SAMPLERS AND WEIGHERS	5 548	4 015	4 619	3 109	653	556	34	23	49	128	193	197
GRADERS AND SORTERS, EXC. AGRICULTURAL	43 813	69 403	33 755	49 467	6 476	10 027	525	687	571	2 111	2 488	7 091

Table 2. Detailed Occupation of the Civilian Labor Force by Sex and Total Race: 1980-Con.

(DATA BASED ON SAMPLE, SEE TEXT, FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT)

UNITED STATES

CIVILIAN LABOR FORCE, 16 YEARS AND OVER--
CON.

OPERATORS, FABRICATORS, AND LABORERS--CON.

	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TRANS. AND MATERIAL MOVING OCCUPATIONS	445 158	375 164	3 706 991	314 326	572 095	48 979	31 558	3 247	28 052	2 253	106 462	6 399
MOTOR VEHICLE OPERATORS	2 980 161	299 364	2 468 007	254 017	404 106	37 629	19 079	2 660	20 145	1 522	68 824	3 536
SUPERVISORS, MOTOR VEHICLE OPERATORS	30 566	2 083	27 520	1 908	2 310	111	139	7	185	51	412	6
TRUCK DRIVERS, HEAVY	1 852 443	44 082	1 556 128	36 407	236 085	6 235	12 860	598	7 492	192	38 978	650
TRUCK DRIVERS, LIGHT	512 671	37 489	434 977	33 404	56 125	2 891	2 402	347	4 793	255	14 374	592
DRIVER-SALES WORKERS	170 934	13 874	157 639	12 359	9 375	1 185	511	407	989	92	2 420	131
BUS DRIVERS	209 379	176 955	149 130	150 636	52 061	22 692	1 720	1 245	2 299	696	4 169	1 726
TAXICAB DRIVERS AND CHAUFFEURS	166 990	21 603	117 214	16 801	38 601	3 974	1 219	327	3 401	163	6 555	338
PARKING LOT ATTENDANTS	33 740	3 069	22 487	2 349	8 138	525	179	29	925	73	1 811	93
MOTOR TRANSPORTATION OCCUPATIONS, N.E.C.	3 438	209	2 712	153	511	56	49	-	61	-	105	-
TRANSPORTATION OCCUPATIONS, EXCEPT MOTOR VEHICLE	283 604	5 523	255 139	4 609	22 075	708	1 759	95	1 278	47	3 333	64
RAIL TRANSPORTATION OCCUPATIONS	209 072	3 668	187 996	2 907	17 483	475	893	31	338	24	2 362	31
RAILROAD CONDUCTORS AND YARDMASTERS	46 531	763	43 549	676	2 510	66	123	5	50	9	294	7
LOCOMOTIVE OPERATING OCCUPATIONS	71 865	1 232	64 279	988	6 439	216	307	16	149	5	694	7
RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS	61 736	1 183	72 370	1 024	7 622	124	387	8	103	10	1 254	19
RAIL VEHICLE OPERATORS, N.E.C.	8 939	290	7 298	219	912	69	76	2	36	-	117	-
WATER TRANSPORTATION OCCUPATIONS	74 532	2 055	67 143	1 702	4 592	233	866	64	960	23	971	33
SHIP CAPTAINS AND MATES, EXCEPT FISHING BOATS	32 759	652	31 084	536	821	59	445	15	208	19	201	25
SAILORS AND DECKHANDS	33 340	890	28 372	720	3 283	113	350	43	681	10	694	10
MARINE ENGINEERS	3 681	78	3 336	59	204	19	32	-	64	-	31	-
BRIDGE, LOCK, AND LIGHTHOUSE TENDERS	4 752	635	4 351	387	324	42	39	6	7	-	45	-
MATERIAL MOVING EQUIPMENT OPERATORS	1 181 393	70 277	983 845	55 700	145 914	10 642	10 720	492	6 609	684	34 305	2 259
SUPERVISORS, MATERIAL MOVING EQUIPMENT OPERATORS	29 418	1 252	26 417	1 187	2 106	82	126	11	231	6	538	6
OPERATING ENGINEERS	235 587	3 239	211 761	2 519	14 702	479	3 290	94	1 269	56	4 565	91
LONGSHORE EQUIPMENT OPERATORS	4 137	128	2 370	104	1 424	20	62	-	159	-	122	4
HOIST AND WINCH OPERATORS	31 164	723	27 780	643	1 676	46	493	13	104	15	1 113	4
CRANE AND TOWER OPERATORS	128 622	2 751	105 175	1 902	19 257	716	685	32	604	35	2 901	66
EXCAVATING AND LOADING MACHINE OPERATORS	61 413	1 508	74 531	1 305	4 383	115	634	6	224	-	1 481	79
GRADER, DOZER, AND SCRAPER OPERATORS	79 567	1 013	72 481	758	4 874	198	813	32	173	9	1 026	16
INDUSTRIAL TRUCK & TRACTOR EQUIPMENT OPERATORS	415 004	20 408	318 321	16 382	73 733	3 144	3 312	150	2 664	165	16 974	567
MISC. MATERIAL MOVING EQUIPMENT OPERATORS	176 479	39 258	144 809	30 938	23 709	5 842	1 105	154	1 181	398	5 585	1 926
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	4 076 776	1 009 308	3 190 496	778 677	645 449	163 588	35 796	7 546	41 292	15 999	163 743	43 498
SUPERVISORS, HANDLERS, EQUIPMENT CLEANERS, AND LABORERS, N.E.C.	8 642	1 578	7 327	1 212	1 145	331	37	4	64	13	69	13
HELPERS, MECHANICS AND REPAIRERS	26 578	1 494	20 938	1 158	3 716	258	265	22	381	18	1 278	43
HELPERS, CONSTRUCTION AND EXTRACTIVE OCCUPATIONS	152 101	6 819	126 152	5 398	16 876	973	1 670	149	928	62	4 975	237
HELPERS, CONSTRUCTION TRADES	121 487	4 665	98 797	3 591	15 129	781	1 204	88	767	41	5 590	164
HELPERS, SURVEYOR	10 326	760	9 498	633	461	99	122	37	78	16	167	5
HELPERS, EXTRACTIVE OCCUPATIONS	20 288	1 394	17 857	1 174	1 286	123	344	24	88	5	718	68
CONSTRUCTION LABORERS	833 937	27 286	635 005	20 079	145 413	5 521	9 568	539	4 898	208	39 053	939
PRODUCTION HELPERS	90 971	22 012	77 310	16 432	14 629	4 114	731	120	1 384	552	4 877	794
FREIGHT, STOCK, AND MATERIAL HANDLERS	1 180 774	213 194	953 653	178 061	172 285	26 271	7 319	1 412	3 521	2 856	33 996	4 594
GARBAGE COLLECTORS	74 302	2 275	44 718	1 210	25 719	964	622	28	402	27	2 841	46
STEVEDORES	21 684	31	806	151	7 536	130	135	5	332	-	855	32
STOCK HANDLERS AND BAGGERS	560 360	144 942	478 810	130 624	46 199	12 284	2 549	884	9 100	2 239	14 683	2 957
MACHINE FEEDERS AND OFFBEARERS	77 405	3 235	59 937	26 910	14 188	6 827	669	277	312	278	2 133	912
FREIGHT, STOCK, AND MATERIAL HANDLERS, N.E.C.	447 025	26 375	348 362	19 166	78 624	6 066	3 344	219	3 211	278	13 486	647
GARAGE AND SERVICE STATION RELATED OCCUPATIONS	314 550	27 125	275 354	24 469	26 121	1 601	2 136	281	4 139	291	6 606	283
VEHICLE WASHERS AND EQUIPMENT CLEANERS	125 600	22 301	92 697	16 275	25 313	4 788	1 013	141	1 302	320	5 970	755
HAND PACKERS AND PACKAGERS	206 934	475 925	150 659	320 586	36 208	61 748	1 248	2 256	3 210	7 374	15 463	23 961
LABORERS, EXCEPT CONSTRUCTION	1 128 769	271 569	851 801	195 007	203 793	57 811	11 823	2 567	11 460	4 305	49 942	11 879
MANUFACTURING	486 417	152 679	362 358	109 779	93 537	32 515	3 816	1 121	3 866	2 204	23 240	7 060
NONDURABLE GOODS	184 042	60 943	132 308	57 426	16 966	17 773	1 451	651	2 009	1 382	9 308	3 711
DURABLE GOODS	302 375	71 734	228 050	52 353	56 571	14 742	1 945	470	1 857	822	13 932	3 349
TRANS., COMMUNICATIONS, & OTHER PUB. UTILITIES	155 560	12 013	111 897	8 287	33 456	3 027	2 239	107	1 122	155	6 846	427
WHOLESALE AND RETAIL TRADE	230 285	61 640	225 689	46 187	37 714	11 310	1 896	362	4 001	1 210	10 985	2 581
ALL OTHER INDUSTRIES	206 507	45 237	151 857	30 744	39 036	10 959	4 272	957	2 471	736	8 871	1 841
UNEMPLOYED, NO CIVILIAN WORK EXPERIENCE SINCE 1975	300 935	430 606	181 690	273 625	95 061	126 488	3 120	4 024	5 766	98 124	15 298	18 345

Table 3. Years of School Completed of the Civilian Labor Force by Age, Sex, Race, and Spanish Origin: 1980

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYM. 3, SEE TEXT.)

UNITED STATES	TOTAL		SPANISH ORIGIN ¹		NOT OF SPANISH ORIGIN									
					WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		*RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TOTAL, 16 YEARS AND OVER.	59 926 408	44 523 329	3 593 058	2 399 665	49 800 9137	35 877 061	5 254 596	5 182 629	311 862	234 595	908 324	787 596	58 611	41 783
LESS THAN 12 YEARS OF SCHOOL.	16 222 652	10 159 951	1 859 659	1 048 510	11 916 566	7 193 488	2 153 332	1 868 899	117 563	75 040	159 594	162 242	15 938	12 012
12 YEARS OF SCHOOL.	21 060 614	18 731 366	928 994	792 799	18 037 370	15 459 023	1 783 713	1 959 513	109 984	93 227	204 488	223 936	15 505	13 848
13 TO 15 YEARS OF SCHOOL.	19 586 576	8 853 090	513 530	305 642	9 231 167	7 236 658	860 565	1 006 562	57 288	48 448	183 586	169 200	12 460	9 170
16 YEARS OF SCHOOL.	5 861 863	3 928 845	171 431	93 737	5 421 115	5 587 277	244 072	312 106	13 315	9 043	144 207	122 234	5 743	3 586
17 OR MORE YEARS OF SCHOOL.	5 803 363	2 848 077	157 442	81 177	5 193 969	2 810 245	212 914	235 547	13 714	7 937	216 959	109 964	8 365	3 207
TOTAL, 16 TO 19 YEARS	4 327 040	3 821 588	322 342	242 718	3 539 676	3 158 932	387 378	350 875	27 302	22 529	46 135	42 519	4 207	4 015
LESS THAN 12 YEARS OF SCHOOL.	2 744 650	2 089 147	236 360	150 859	2 195 828	1 670 392	264 468	189 488	18 986	13 934	26 579	21 436	2 469	2 342
12 YEARS OF SCHOOL.	1 358 987	1 456 739	73 644	75 085	1 452 681	1 226 417	106 607	139 883	7 536	7 495	14 216	14 343	1 363	1 014
13 TO 15 YEARS OF SCHOOL.	225 867	315 190	12 358	15 835	190 768	261 211	16 257	30 469	811	1 100	5 322	6 316	351	259
16 YEARS OF SCHOOL.	409	466	20	39	321	366	46	37	3	-	18	24	-	-
17 OR MORE YEARS OF SCHOOL.	128	46	-	-	118	46	-	-	6	-	-	-	-	-
TOTAL, 20 TO 24 YEARS	6 263 921	7 159 960	638 991	449 916	6 637 539	5 709 709	823 439	849 409	52 818	41 412	101 583	101 317	9 551	8 195
LESS THAN 12 YEARS OF SCHOOL.	1 592 999	802 539	278 488	130 170	1 049 035	507 112	233 367	144 148	27 183	8 984	12 887	10 677	2 079	1 452
12 YEARS OF SCHOOL.	3 792 265	3 219 990	275 181	181 352	3 137 364	2 606 559	372 417	379 334	24 389	19 980	31 531	29 725	3 383	3 040
13 TO 15 YEARS OF SCHOOL.	2 142 726	2 392 112	116 543	115 799	1 788 734	1 857 477	183 092	263 087	9 799	10 863	41 626	42 177	2 932	2 709
16 YEARS OF SCHOOL.	584 405	712 315	14 579	17 483	529 337	626 106	26 188	53 132	1 017	1 279	10 510	13 538	774	765
17 OR MORE YEARS OF SCHOOL.	151 526	133 004	6 200	5 114	133 069	112 453	6 375	9 712	430	306	5 069	5 160	383	229
TOTAL, 25 TO 29 YEARS	6 619 669	6 464 535	611 017	394 581	6 970 525	5 037 372	836 045	853 463	50 754	38 550	139 532	132 301	11 796	8 108
LESS THAN 12 YEARS OF SCHOOL.	1 592 521	698 572	234 250	124 870	772 035	404 609	195 077	144 496	12 799	7 280	14 324	15 887	2 016	1 430
12 YEARS OF SCHOOL.	3 195 756	2 531 940	181 183	141 559	2 614 839	1 976 187	346 874	365 841	20 930	16 712	28 872	29 254	3 058	2 387
13 TO 15 YEARS OF SCHOOL.	2 094 612	1 591 880	117 453	82 732	1 728 612	1 250 395	195 791	212 610	12 226	10 431	36 891	33 431	3 439	2 281
16 YEARS OF SCHOOL.	1 224 142	1 033 079	30 611	26 296	1 098 325	886 647	64 851	87 662	2 670	2 577	26 190	28 739	1 495	1 158
17 OR MORE YEARS OF SCHOOL.	654 837	609 044	27 520	19 084	756 694	519 534	33 452	43 034	2 129	1 550	33 255	24 990	1 788	852
TOTAL, 30 TO 34 YEARS	6 035 553	5 649 299	513 625	330 945	6 592 183	4 397 180	717 892	741 476	46 889	34 788	155 870	136 815	9 894	6 735
LESS THAN 12 YEARS OF SCHOOL.	1 160 683	736 789	221 332	123 470	732 251	452 157	180 268	152 355	10 995	7 840	13 756	19 472	1 851	1 290
12 YEARS OF SCHOOL.	2 579 525	2 331 754	131 799	117 383	2 130 126	1 853 925	272 792	313 465	14 875	14 478	25 727	30 394	2 206	1 889
13 TO 15 YEARS OF SCHOOL.	1 870 915	1 252 612	95 427	57 458	1 561 927	986 370	165 825	170 394	12 282	8 536	31 955	28 507	2 304	1 347
16 YEARS OF SCHOOL.	1 189 947	676 855	29 749	15 569	1 070 011	573 029	53 614	56 138	2 962	2 182	32 197	29 266	1 414	671
17 OR MORE YEARS OF SCHOOL.	1 234 483	629 294	33 918	16 865	1 097 873	531 659	45 363	49 104	2 975	1 752	52 235	29 176	2 119	738
TOTAL, 35 TO 39 YEARS	6 334 497	4 574 280	374 791	254 097	5 243 085	3 624 406	548 371	563 356	35 997	27 422	124 073	100 608	6 180	4 189
LESS THAN 12 YEARS OF SCHOOL.	1 220 649	813 962	181 941	112 998	833 337	518 863	184 333	156 399	11 521	7 999	12 063	16 617	1 434	1 041
12 YEARS OF SCHOOL.	2 237 439	2 036 954	91 343	83 800	1 907 230	1 687 215	209 670	230 497	12 776	11 281	20 086	24 860	1 434	1 301
13 TO 15 YEARS OF SCHOOL.	1 159 738	874 367	55 682	36 405	982 462	706 834	93 326	107 061	7 349	5 780	19 795	17 381	1 124	906
16 YEARS OF SCHOOL.	726 653	425 028	17 364	9 392	651 220	359 495	31 028	33 801	1 998	1 254	24 381	20 473	663	413
17 OR MORE YEARS OF SCHOOL.	980 918	421 969	25 464	11 302	868 836	351 999	34 994	35 600	2 353	1 313	47 748	24 277	1 525	478
TOTAL, 40 TO 69 YEARS	23 501 469	16 344 048	1 105 504	714 850	20 071 119	13 509 203	1 880 603	1 771 340	96 573	68 351	331 660	269 446	16 010	10 854
LESS THAN 12 YEARS OF SCHOOL.	7 795 680	4 776 175	664 035	396 390	5 959 854	3 430 207	1 047 515	841 994	44 489	28 134	73 903	75 190	5 884	4 258
12 YEARS OF SCHOOL.	7 758 238	7 023 508	228 593	190 711	6 945 643	6 179 270	474 425	532 733	27 100	23 058	82 522	94 203	5 955	3 533
13 TO 15 YEARS OF SCHOOL.	3 271 231	2 461 227	113 617	74 711	2 890 334	2 112 547	203 053	219 808	14 687	11 566	47 244	40 946	2 296	1 649
16 YEARS OF SCHOOL.	2 175 016	1 092 391	40 320	24 571	2 011 787	914 853	64 832	79 837	4 577	2 463	30 145	29 943	1 355	594
17 OR MORE YEARS OF SCHOOL.	2 503 304	1 030 747	62 939	28 467	2 263 501	872 326	99 178	96 948	5 720	2 948	77 846	29 164	2 520	894
TOTAL, 70 YEARS AND OVER.	844 339	511 619	24 788	12 596	746 010	440 299	40 848	52 506	2 329	1 343	9 971	4 590	373	283
LESS THAN 12 YEARS OF SCHOOL.	446 470	252 772	18 263	9 253	374 206	209 608	48 254	40 027	1 630	872	6 122	2 763	205	149
12 YEARS OF SCHOOL.	160 704	130 481	5 291	2 004	149 477	120 450	5 926	6 736	378	223	1 544	977	81	64
13 TO 15 YEARS OF SCHOOL.	93 687	65 702	1 260	702	88 333	81 234	3 221	3 133	134	172	733	442	11	19
16 YEARS OF SCHOOL.	63 312	29 711	791	187	60 114	26 779	1 513	1 481	7	8	766	241	42	15
17 OR MORE YEARS OF SCHOOL.	78 166	23 953	1 403	345	73 878	22 228	1 952	1 129	101	48	806	167	26	16

¹ PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

BEST COPY AVAILABLE

8 Table 4. Years of School Completed of the Civilian Labor Force by Age, Sex, and Total Race: 1980

(DATA BASED ON SAMPLE; SEE TEXT. FOR DEFINITIONS OF TERMS AND MEANING OF SYMBOLS, SEE TEXT.)

UNITED STATES	TOTAL		WHITE		BLACK		AMERICAN INDIAN, ESKIMO, AND ALEUT		ASIAN AND PACIFIC ISLANDER		RACE, N.E.C.	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TOTAL, 16 YEARS AND OVER	59 926 488	44 525 329	51 884 626	37 507 269	5 550 792	5 251 644	333 571	250 908	947 280	825 596	1 430 219	887 912
LESS THAN 12 YEARS OF SCHOOL	16 222 852	10 159 951	12 911 874	7 771 259	2 190 803	1 696 293	127 689	81 415	166 430	170 231	823 856	438 755
12 YEARS OF SCHOOL	21 080 618	18 733 366	18 596 486	16 143 347	1 805 810	1 981 651	116 474	99 176	218 261	235 536	348 701	278 656
13 TO 15 YEARS OF SCHOOL	10 858 576	8 853 090	9 553 401	7 876 901	871 704	1 018 719	61 129	51 557	133 337	178 275	179 005	127 638
16 YEARS OF SCHOOL	5 961 383	3 928 845	5 514 835	3 850 474	246 877	315 042	13 865	10 549	148 185	127 914	58 165	25 066
17 OR MORE YEARS OF SCHOOL	5 803 363	2 680 077	5 306 350	2 465 288	215 998	237 939	14 416	5 913	222 107	114 640	42 492	21 797
TOTAL, 16 TO 19 YEARS	4 327 040	3 821 588	3 723 280	3 299 319	393 790	396 351	29 623	24 531	49 033	45 693	131 314	95 694
LESS THAN 12 YEARS OF SCHOOL	2 744 650	2 049 147	2 326 551	1 755 939	269 180	192 809	20 725	15 077	28 259	23 190	99 935	62 132
12 YEARS OF SCHOOL	1 355 987	1 456 739	1 197 645	1 271 856	106 070	132 581	6 034	8 294	15 202	15 736	27 036	26 292
13 TO 15 YEARS OF SCHOOL	225 867	315 190	198 645	271 073	16 494	30 924	655	1 180	5 554	6 743	4 319	5 270
16 YEARS OF SCHOOL	400	465	321	405	46	37	3	-	16	24	20	-
17 OR MORE YEARS OF SCHOOL	128	46	118	46	-	-	6	-	-	-	4	-
TOTAL, 20 TO 24 YEARS	6 263 921	7 159 960	6 972 907	5 957 291	635 619	640 510	57 692	44 761	107 197	107 088	290 506	190 310
LESS THAN 12 YEARS OF SCHOOL	1 592 999	802 539	1 180 568	570 260	237 959	147 281	19 134	9 868	13 879	11 883	141 459	65 647
12 YEARS OF SCHOOL	3 792 265	3 219 992	3 259 965	2 708 832	377 032	383 484	26 276	21 905	33 692	31 747	95 104	74 424
13 TO 15 YEARS OF SCHOOL	2 142 726	2 292 112	1 856 557	1 925 094	165 569	266 266	10 742	11 685	43 492	49 456	46 346	44 613
16 YEARS OF SCHOOL	584 405	712 515	538 831	637 534	28 506	53 656	1 059	1 358	10 743	14 047	5 286	5 720
17 OR MORE YEARS OF SCHOOL	151 526	133 004	136 986	115 571	6 535	9 823	481	347	5 191	5 357	2 535	1 906
TOTAL, 25 TO 29 YEARS	8 619 669	6 464 535	7 291 610	5 256 841	847 620	864 167	54 739	41 656	145 761	139 224	279 939	162 627
LESS THAN 12 YEARS OF SCHOOL	1 250 521	698 572	893 408	467 608	199 207	147 419	18 092	8 167	15 273	16 889	126 585	58 489
12 YEARS OF SCHOOL	3 195 756	2 531 940	2 711 880	2 056 606	350 632	369 717	22 355	17 858	50 769	31 170	80 120	56 589
13 TO 15 YEARS OF SCHOOL	2 094 412	1 591 880	1 793 909	1 296 401	198 268	215 174	13 231	11 242	39 053	35 217	99 951	31 846
16 YEARS OF SCHOOL	1 224 142	1 033 079	1 118 074	903 150	65 500	88 389	2 811	2 734	26 893	29 868	10 864	8 938
17 OR MORE YEARS OF SCHOOL	854 838	609 064	774 383	531 076	34 013	43 488	2 250	1 655	33 775	26 060	10 419	6 765
TOTAL, 30 TO 34 YEARS	8 035 553	5 647 299	6 680 960	4 589 364	728 309	751 094	49 304	37 410	162 205	143 625	219 775	125 806
LESS THAN 12 YEARS OF SCHOOL	1 160 883	756 784	843 409	516 412	184 184	155 476	12 053	8 691	14 731	20 557	106 326	55 648
12 YEARS OF SCHOOL	2 579 525	2 331 758	2 206 051	1 925 320	276 010	317 065	17 969	15 367	27 214	32 065	52 281	41 937
13 TO 15 YEARS OF SCHOOL	1 870 915	1 252 612	1 620 551	1 021 973	167 960	172 246	13 020	9 207	33 782	30 189	35 602	19 017
16 YEARS OF SCHOOL	1 189 941	676 855	1 090 094	583 029	54 151	56 713	3 116	2 256	33 083	30 647	9 505	4 210
17 OR MORE YEARS OF SCHOOL	1 234 483	629 294	1 120 855	542 630	46 024	49 594	3 148	1 889	53 395	30 187	11 063	4 994
TOTAL, 35 TO 39 YEARS	6 334 407	4 574 280	5 466 520	3 778 481	556 194	570 898	36 114	29 153	126 939	105 897	144 780	89 695
LESS THAN 12 YEARS OF SCHOOL	1 229 440	813 962	932 100	579 901	146 021	159 530	12 456	8 590	12 798	17 404	86 274	48 488
12 YEARS OF SCHOOL	2 237 539	2 036 954	1 964 043	1 741 774	204 858	232 939	13 320	11 838	21 503	26 091	72 015	26 312
13 TO 15 YEARS OF SCHOOL	1 159 736	874 367	1 019 616	731 276	94 509	108 282	7 808	6 075	20 945	18 511	16 820	10 225
16 YEARS OF SCHOOL	720 653	425 028	665 482	365 752	31 579	34 142	2 036	1 276	25 107	21 624	4 649	2 234
17 OR MORE YEARS OF SCHOOL	980 918	421 969	887 279	359 698	35 577	35 992	2 494	1 376	48 746	22 267	7 022	2 636
TOTAL, 40 TO 49 YEARS	23 501 469	16 544 048	20 785 959	13 977 101	1 907 687	1 795 394	101 671	71 993	343 572	279 329	362 600	220 279
LESS THAN 12 YEARS OF SCHOOL	7 795 680	4 776 175	6 549 701	3 665 359	1 063 416	855 221	97 536	30 103	76 996	77 862	258 031	147 610
12 YEARS OF SCHOOL	7 758 238	7 025 508	7 104 507	6 317 026	480 865	530 023	28 134	24 102	85 239	96 703	59 553	46 654
13 TO 15 YEARS OF SCHOOL	3 271 231	2 461 227	2 974 826	2 167 274	205 631	222 661	15 329	11 993	49 646	42 728	25 799	16 571
16 YEARS OF SCHOOL	2 175 016	1 052 391	2 043 131	933 699	65 767	80 598	4 752	2 717	51 523	31 456	7 743	3 921
17 OR MORE YEARS OF SCHOOL	2 503 304	1 030 747	2 313 674	893 743	92 066	97 893	5 920	3 078	80 168	37 580	11 474	5 453
TOTAL, 50 YEARS AND OVER	844 339	511 619	765 410	448 912	61 623	55 212	2 426	1 404	10 573	4 740	6 305	5 351
LESS THAN 12 YEARS OF SCHOOL	448 870	262 772	386 181	215 740	48 858	40 548	1 693	917	6 494	2 846	5 246	2 721
12 YEARS OF SCHOOL	160 704	130 481	152 077	121 933	8 003	6 842	386	234	1 642	1 024	596	408
13 TO 15 YEARS OF SCHOOL	93 687	65 702	89 297	61 810	3 253	3 166	144	177	825	453	168	96
16 YEARS OF SCHOOL	63 312	26 711	60 800	26 905	1 524	1 507	86	8	778	248	120	43
17 OR MORE YEARS OF SCHOOL	78 166	23 953	75 055	22 524	1 983	1 149	119	66	834	169	175	43